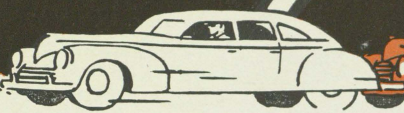


FLORIDA

Highways



Official Publication of

State Road Department of Florida--Florida Highway Patrol

VOLUME 10
NUMBER 5

APRIL 1942

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Transactions of Meeting of Florida State Road Department

HELD IN TAMPA MARCH 23—TALLAHASSEE APRIL 9

Pursuant to agreement at the adjournment of the last meeting, the State Road Department met in Tampa on March 23, 1942, with the following members and officials in attendance:

Thos. A. Johnson, Chairman; James R. Stockton, C. Fred Ward, Jack F. Townsend, Members; H. H. Baskin, Secretary; L. A. Fraleigh, Jr., Assistant Secretary; J. H. Dowling, State Highway Engineer; L. K. Cannon, Assistant Highway Engineer; T. M. Shackelford, Attorney; Pat Shannon, Assistant Attorney; R. J. Waterston, Jr., Auditor; E. S. Fraser, Bridge Engineer; W. A. Kratzert, Maintenance Engineer; J. C. DeCamps, Right of Way Engineer; J. W. Allen, J. R. Slade, H. H. McCallum, N. S. Emery, W. D. LeVeille, Division Engineers.

APPROVAL OF MINUTES

On motion of Mr. Ward, seconded by Mr. Townsend, the minutes of the meeting held February 27 at Miami were approved.

APPROVAL OF MEMBERS' EXPENSE ACCOUNTS

On motion of Mr. Townsend, seconded by Mr. Ward, the members' expense accounts were approved and ordered paid, as follows:

H. H. Hector.....	\$18.00
H. H. Hector.....	10.91
C. Fred Ward.....	53.10
C. Fred Ward.....	10.12
James R. Stockton.....	56.10
James R. Stockton.....	9.30

APPROVAL OF CONTRACTS AWARDED SINCE LAST MEETING

On motion of Mr. Townsend, seconded by Mr. Ward, the following resolution was adopted:

WHEREAS, pursuant to due advertisement, the Department did on certain dates as hereinafter indicated receive bids for the construction of certain projects and for the furnishing of certain materials, as hereinafter listed; and

WHEREAS, the firms hereinafter named were and are hereby declared to be the lowest responsible bidders therefor,

NOW, THEREFORE, BE IT RESOLVED, that the action of the Chairman in awarding the contracts hereinafter listed be and the same is hereby approved, which said contracts are as follows:

(See Page 27)

APPLICATION TO WAR DEPARTMENT SUWANNEE RIVER BRIDGE AT LURAVILLE—ROAD 69

On motion of Mr. Stockton, seconded by Mr. Ward, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to make application to the War Department for their approval of the construction of a bridge over the Suwannee River, approximately 1 mile south of Luraville, Road 69, Suwannee-Lafayette Counties, Florida, which said bridge shall be constructed according to the plans submitted by the Department.

APPLICATION TO THE WAR DEPARTMENT; BRIDGE OVER TEA-TABLE KEY RELIEF CHANNEL—ROAD 4-A—MONROE COUNTY

On motion of Mr. Stockton, seconded by Mr. Ward, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to make application to the War Department for their approval of the reconstruction of a bridge over Tea-table Key Relief Channel, approximately 2 miles southwest of Matecumbe, Road 4-A, Monroe County, Florida, which said bridge shall be reconstructed according to the plans submitted by the Department.

APPLICATION TO THE WAR DEPARTMENT; GOODBY'S LAKE BRIDGE—ROAD 47—DUVAL COUNTY

On motion of Mr. Stockton, seconded by

Mr. Ward, the following resolution was adopted:

BE IT RESOLVED, that the Chairman be and he is hereby authorized to make application to the War Department for their approval of the reconstruction of a bridge over Goodby's Lake, approximately 8 miles south of Jacksonville, Road 47,

(Continued on page 26)

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FLORIDA HIGHWAYS

Official Publication State Road Department—Florida Highway Patrol

Authorized medium of Motor Vehicle Division and other State departments.

VOLUME 10

APRIL 1942



NUMBER 5

J. E. ROBINSON
SAM ELLIS

Publisher
Editor

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A magazine of general circulation and general public interest dedicated to construction and improvement of Florida highways, to traffic safety, public education and all that these imply in the future development of Florida resources and possibilities. Not published at State expense. Manuscripts and pictures intended for publication should be addressed to the Editor. Contributions of pictures and reading material are welcomed, but publisher accepts no responsibility for their loss. Permission is hereby given to newspapers and other publications to reprint material contained herein (unless specifically restricted in the title of the material), provided proper credit is given to Florida Highways. Subscription price, \$2.00 per year; single copies 25 cents. Published monthly and entered as second class matter July 11, 1941, at the postoffice at Winter Garden, Florida, under the Act of March 3, 1879.

Notice of change of address should be given to Florida Highways, Winter Garden, Florida, two weeks in advance of the date of publication of the next issue.

Address all correspondence to Florida Highways—not to individuals.

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FLORIDA HIGHWAYS

EDITORIALS

Opportunity and Responsibility

WITH several hundred thousand men from all over the country, and some from foreign countries, training in Florida this State has a golden opportunity to build a tremendous amount of good will that will bring a rich harvest of honest dollars in the future. It also has the chance of creating a feeling among these thousands of visitors that we are a greedy people, with little patriotism and no respect for those who are preparing themselves for front-line duty in the protection of our homes and our particular way of living.

These facts are aptly pointed out in a recent editorial in the *Tallahassee Democrat* which newspapers throughout the State might well reproduce as a compliment to those who are playing the game on the square and as a warning to those who may feel that the time is ripe to hike prices and get everything they can while the getting is good.

Says the *Democrat*:

"There are a good many soldiers in Florida. Every now and then a strange batch of them drop in on Tallahassee from nowhere and, before they depart for somewhere, fill our cafes to bursting while they drink beer and sing *Deep in the Heart of Texas*. All this is wonderful.

"But there are some angles that need watching. Where there are a lot of soldiers and sailors there must be buildings, facilities and supplies.

"Uncle Sam is burning up a lot of gasoline in Florida but he pays no State tax on it and civilian use is dropping with a resultant loss in State revenue. Other businesses are beginning to suffer along with the automobile and tire dealers who are hardest hit. The tourist crop is fair but uncertain.

"The bases and cantonments springing up bring with them many opportunities for business. The economic impact is far from uniform. Some lines of business suffer while others are uplifted at boom-time tempo. Soldiers and sailors buy food, drinks, tobacco and taxi rides but not clothing, traveling bags or automobile accessories. Contractors, the building trades, some supply dealers and others feel a stimulating effect.

"This situation, we believe, presents to Florida a golden opportunity and a serious responsibility. There is an alternative attitude available to us both on trade with the enlisted men and on dealings with the government on larger items. We may try to squeeze the last penny of profit out of the day to day transactions or we may play fairly and squarely, looking to the long pull.

"A few examples of profiteering at the expense of enlisted men have been reported. We trust they have been few indeed. It is certainly cheap and little to charge a soldier more than a civilian for the same service or article and we hope anyone who does so will get what he deserves.

It is short-sighted and usually futile to try to gouge

the government. Some may get away with it for a time but it is beginning to catch up with them.

"The State was treated recently to a contest between Miami Beach and St. Petersburg over hotel facilities for a military training center. It may be an injustice to the Miami Beach interests but the impression gained currency that some hotel owners there were trying to run prices up. In what looked like a bluff that might have been backed up had it been called, St. Petersburg's appetite was whetted for the project until Miami Beach was aroused to feverish activity and satisfactory adjustments were worked out.

"The moral is that if any of us try to profiteer at the expense of the army or other governmental unit, projects may be pulled out of one section of the State and given to another or they may be pulled out of Florida altogether and sent to some other State. If all Florida citizens and organizations, on the other hand, accept the responsibilities along with the opportunities we stand to gain much more now and in the future—more now because Florida's climate is advantageous and will continue to attract training projects of all kinds if encouraged by cooperation and restraint; more in the future because we have among us now in uniform thousands of persons from all over the Nation who are potential ambassadors of good-will for our State.

"We should keep in mind two facts: 1. Enlisted men and officers well and fairly treated in Florida while here on duty will want to return and will advise their friends to come to our State; 2. Florida is not the only State with plenty of room and a mild climate.

"We have a responsibility to our military guests, first, as Americans, because we owe it to them and to ourselves to make them welcome and comfortable; second, as Floridians, because we owe it to our future not to give them a poor impression of our State or its people.

"And every individual tempted to "hold up" Uncle Sam for a high price, should remember that there is a lot of Florida and a lot of land in mild climate stretching across southern Georgia, Alabama, Mississippi, Louisiana and Texas.

"We should be sufficiently patriotic to put the money motive last. If anyone is not that patriotic, we suggest he take the long view on the money motive so that this unexcelled opportunity to build soundly for the future may not be lost."

Lake County continues to hold honors as the largest chamber of commerce in the State. It has 1,298 memberships, 53 more than the Jacksonville chamber and 98 more than the Orlando chamber, second and third in the list.

Florida's share in the one and one-half billion dollars worth of war contracts granted in the south during the last six months of 1941 was \$132,391,685 according to C. C. McCubbin, State Director of the WPB. The total does not include contracts for foodstuffs and sub-contracts.



FLORIDA FOURTH ESTATE

Florida's Opportunity

Current negotiations between the Army and local hotel men over possible use of their properties for military purposes, tend to shift the spotlight onto a situation which Florida, itself, has been all too slow in recognizing.

This is the fact that the State's mild climate and its extensive housing facilities provide a "made-to-order" answer to Army and Navy needs in problems relating to training activities, hospitalization, etc.

Up to the present—and military authorities, themselves, seem to have shared in this view—we have been prone to believe these activities would be concentrated in the great camps, air fields and naval stations that have been set up in connection with our National preparedness program.

What we have neglected to see is that with the tremendous expansion of the Army which the trend of the war now makes imperative (Washington is talking about a 10,000,000-man military establishment), existing training facilities will prove wholly inadequate.

Even with the dispatch of trained divisions of American fighting men to various active theaters of war, opening cantonments to new contingents of recruits, the war department still must look elsewhere for additional facilities to handle the tremendous number of men involved in the new program.

And where more appropriately should it look for ready-made facilities than the State of Florida, particularly to such great resort centers as St. Petersburg where the problem of housing and caring for great numbers of visitors annually is the chief business of the community?

Here—and in other Florida resort cities, too—are available almost overnight the facilities to handle virtually any number of men the Army cares to assign locally.

Here is a friendly, equable climate conducive to year-round activities whether in training of active troops or in the care of convalescents.

Here are the recreational and other facilities essential for virtually any military purpose.

It's a "natural." It's a situation made to order in answer to the Army's needs, and the Navy's, too.

We're just beginning to realize what a tremendous added contribution Florida can make in this respect to the Nation's military war effort. The Army and Navy are, too.

Local and State cooperation in a full spirit of patriotic desire to contribute further to the Nation's war effort undoubtedly will induce the war and navy departments to make greater and greater use as time goes by of the unequaled advantages Florida has to offer.

Let's remember the tremendous impetus the

Tribute to Dr. Leigh

Selection of Dr. Thomas R. Leigh as recipient of the Charles H. Herty award this year for outstanding work in the field of chemistry bring to the spotlight a Florida asset with which the people of this State should be thoroughly familiar—the Department of Chemistry at the University of Florida.

Dr. Leigh has been head of that department for more than 20 years and has built it into the one of the finest schools of chemistry in America—one of the five or six at which students can get a doctor's degree in the South.

Its graduates are in demand in Florida and elsewhere in the important laboratories of the country. The director of an important laboratory in Jacksonville stated the other day that he preferred graduates of the Gainesville school to those of almost any other chemistry department in the country, and has several of them on his payroll.

And haven't you heard stories about the Gainesville chemistry professor who stays up all night working with students on experiments—the professor who never takes a textbook to classes yet who can lecture indefinitely and authoritatively on the minutest details of any problem brought up.

Development of the U. of F. Department of Chemistry to its present high state of leadership in its field is inestimable in its value to the young men of this and nearby States. But it has an additional value of extraordinary importance, for to get industrial research to come to the South, university research must be built up, and industrial expansion depends entirely upon the research work that must first be done in the laboratories.

The tendency has been growing in this direction for several decades, but the South has lagged in this respect.

With indifference to such matters so highly developed in Florida, it is remarkable that Dr. Leigh has been able to assemble the facilities that have given the U. of F. Chemistry Department its high standing.—*Jacksonville Times-Union*.

Spanish-American war gave Florida by bringing into the State thousands of men who had never been here before. Great numbers of them returned later—to stay, and our upward trend began.

Similarly, the young men who are brought to Florida for military training now will contribute importantly to the economic life of the State in post-war days, for thousands of them, too, will return here to live and to help develop our still almost unrealized resources. This is Florida's chance—for today and tomorrow. Let's not muff it!—*St. Petersburg Times*.

Economy In Reports

The Florida State Beverage Department has announced the discontinuance of its monthly reports of liquor sales because of a shortage of paper, ink and other materials.

While the reports were of interest to some in the field, we applaud the decision as a good move in the direction of conserving paper for much more vital needs. Now if other governmental departments, and especially the many Federal agencies which bombard this and other desks with a superabundance of useless material, will adopt the same policy we will really get somewhere.—*Tampa Tribune*.

The Right Spirit

During the last two weeks dozens of Milton families opened up their hearts and homes to Uncle Sam's fighting lads, furnishing—free gratis—warm beds to officers and men alike. As one soldier remarked, upon leaving one of these homes, "it is people like you that make us proud to wear the uniform of an American soldier."—*Milton Gazette*.

When Peace Comes

To know Florida you must eat its products, feel its soft cool breezes, gaze on its beautiful lakes at sunrise and be lulled to sleep at eventide by the benediction that nature whispers to her children as the sun sinks to rest below the horizon at the end of a perfect day.—*Winter Haven Chief*.

Stuff Like That

We see that the WPA writers project in Florida is now "linked up with National defense." It helps prepare "educational news" for various defense councils, and thinks like that.—*Ocala Banner*.

Modern Version

Business men no longer put off their creditors with the plea to wait until they get back on their feet—"Until we get back on our tires" is the modern version.—*Sanford Herald*.

Not Much Choice

Meeting at Tampa, automobile dealers heard a suggestion that they draw straws to see which would be unlucky enough to remain in the business.—*Fort Myers News-Press*.

Who would have thought that the purchaser of a new tire would be the subject of a news item? Seems to us that in present condition he is about as much news as the arrival of a new baby in the family!—*Mayo Press*.



Picking oranges in Florida groves starts fruit on way to market

History of Citrus in Florida . . .

Compiled by members of the Writers' Program
Florida Works Projects Administration

FLORIDA and oranges are as synonymous as Florida and flowers. Yet when Ponce de Leon named this new country in 1513, there was not an orange tree on the whole great North American continent.

Originally imported from Ceylon by way of India and Palestine, oranges were well established in Mediterranean countries when Rome ruled the world. They reached the West Indies as part of Columbus' cargo on his second voyage in 1497. By 1557 Cuban groves were flourishing and expeditions to the Florida mainland carried oranges and lemons for the health of the soldiers. Menendez, founder of St. Augustine, won many Indian friends by giving the chiefs European delicacies to eat, and Spanish missionaries, taking their cue from this great leader, planted orange groves around their missions to induce the Indians to remain near them. In 1696 Jonathan Dickenson said of St. Augustine: "It is about three-quarters of a mile in length, not regularly built, the houses not very thick, they having large orchards, in which are plenty of oranges, lemons, pome-citrons, iymes, figs, and peaches: the houses, most of them are

old buildings, and not half of them inhabited . . ."* General Oglethorpe, scouting in Spanish Florida in 1735, noted the fine groves on Amelia Island where a Spanish mission had flourished but a few years before.

William Bartram, King's botanist, in an account of his travels in Florida in 1773, often mentions the orange groves along the St. Johns River from Cowford (Jacksonville) as far south as DeLand. Bartram also mentions passing orange groves on his trip from the St. Johns River to the Alachua savanna. At all of these places he speaks of the magnificent orange trees covered with golden fruit and fragrant blossoms. One grove he describes as follows: "Orange trees were in full bloom and filled the air with fragrance," and another grove, "On the right hand was as orangery, consisting of many hundred trees which were large, flourishing and in perfect bloom and loading with their ripe golden fruit."

At the time of Bartram's travels, there were few white people in Florida and the Indians were the principal consumers of oranges. The three varieties of oranges then existent in Florida were known to the Seminole as "Yallaha" (sweet), "Yallahaasempa" (bitter), and "Yal-

**God's Protecting Providence*, pp. 77-8



Pickers framed in wreath of golden fruit

lahaachena" (sour). The only method of transportation was by water, and even for this purpose only a few boats were available; consequently very little of the fruit found its way out of the immediate region in which it was produced.

By 1779, during Humboldt's travels in the Antilles, the citrus had become an integral part of the Island vegetation and caused Humboldt to remark: "St. Augustine was like an orange grove."

The importation of citrus fruits from the Island to the Florida mainland is explained by the Encyclopedia Britannica as follows: "Some of the earlier botanical explorers regarded oranges as an indigenous tree; but it was undoubtedly brought by the Spanish colonists to the West India Islands, and was probably soon afterwards transplanted to Florida by them or their buccaneering enemies."

Dr. H. Harold Hume, eminent citriculturist, explains how the orange and lemon became so generally disseminated after their introduction to Florida: "The fruit was obtained by Indians and carried about; seeds dropped eventually produced trees where they had been deposited. As a result, wild groves were formed on shores and lakes and streams."

Existing records show that every place where citrus fruits were observed the Spanish explorers had preceded the travelers. The citrus groves that began with Columbus' first planting in the West Indies and spread to Florida, today trail across the Gulf States to Mexico and

extend north into California, following the paths of early Spanish migrations.

During the English occupation of Florida, quantities of oranges, orange wine and preserves were shipped to England. Considerable delay to shipping was caused by the "orange winds." These winds were of gale intensity blowing from a northeasterly direction; ships were forced to remain in port for many days during these winds and huge piles of oranges perished on the docks. It was then discovered that by a process called "wilting" the fruit could be held until conditions were favorable for shipping. This "wilting" was accomplished by spreading the oranges in the direct sunlight. This caused the evaporation of the excess moisture from the peel and hardened the inner peel. It is said that fruit treated in this manner reached its destination in sound condition.

Extending a mile along the lagoon on one side and Dummitt Creek and the Indian River on the other, in the north part of Merritt Island, what is said to be the oldest living grove in Florida is still standing. It bears fruit each season and seems destined to live another hundred years. It was planted close to the year 1830, according to H. E. Nason who now resides on the tract and gets its name from its founder, Capt. Foulas D. Dummitt, one of the early pioneers of Florida.

Dummitt obtained his budwood from the Jones' grove (now extinct) situated between New Smyrna and Port Orange. The Jones' grove was budded from original seedling stock brought to Florida during the Spanish occupation. Dummitt budded Jones' stock on native sour orange trees growing on his property. Part of the old sour grove still remains. This is the parent stock of the famous Indian River orange.

About 1870 citrus growing was begun on a commercial scale. The only citrus fruit planted during 1870 to 1880 was oranges, and plantings were made mainly in the territory that is now composed of Duval, St. Johns, Volusia, Putnam, Alachua and Marion counties. In fact, up to 1894 the territory along the St. Johns River and Orange Lake is said to have been the chief center of orange growing. This section not only produced a large amount of the fruit but it also supplied a good portion of the planting stock and buds for the areas farther south. These plantings were confined to localities close to rivers and lakes, joined by canals as there were few, if any, other means of transportation. By 1884 production had increased to approximately 600,000 boxes per year.

The major disasters to the citrus industry were caused by freezing. The effects of low temperature on the flora of early days are indicated by the writings of John Bartram, the botanist, "The night of January 2, 1766 was the fatal night that destroyed the lime, citron and banana trees in St. Augustine, many curious evergreens up the river (meaning, probably, the Matanzas River) that were nearly 20 years old and in flourishing state; the young green shoots of the maple, elm, and pavin with many flowering plants and shrubs never before hurt." Bernard Romans, in his *Natural History of Florida*,

Fruit is hauled to packing house and started through processing (opposite page, top). Poor fruit is eliminated by expert hands before it has even started through the various steps between grove and box.





Grapefruit fit for the king's table

1775, says: "On January 3, 1766, a frost destroyed all the tropical productions in the country except oranges. In 1774 there was a snow storm which extended over most of Florida (meaning what is now north Florida). The inhabitants long afterwards spoke of it as 'an extraordinary rain'."

A very severe freeze occurred in 1835. At this time it was cold enough in St. Augustine to kill mature seedling trees to the ground. John Lee Williams, writing in 1837, recounts the great freeze, "severe northwest wind blew for ten days. During this period the mercury was seven degrees above zero. The St. Johns was frozen several rods from the shore. All kinds of fruit were killed in the ground and many of them never started again, even from the roots."

Another freeze occurred in 1886, at which time the crop was injured and many young trees killed. At this time many of the growers believed that these freezes were caused by the cutting of timber in north Florida and Georgia. They contended that the forests constituted windbreaks and that the cutting of these trees by the lumber industry and the plantation owners brought the cold winds to their groves.

Then came the two freezes of 1894 and 1895 that killed a great many orange trees. Since that date there have been recorded three serious freezes, 1899, 1917, 1935, at which times a large number of young trees perished. Minimum temperature of two degrees below

zero at Tallahassee on February 13, 1899 is the Florida record for a century.

As a result of these freezes, in the northern part of the State citrus growing has been practically abandoned, with the exception of groves of satsumas. During the past thirty years the citrus section of Florida has been moving southward and citrus growing in central and south Florida has developed rapidly. The groves of the tender choice oranges are for the most part maintained below the "frost belt," which is drawn across the State at about Orlando by the Frost Protection Bureau.

The advance of the citrus industry and the very evident commercial future of these fruits brought many horticulturists to Florida; they came from Japan and China, where citrus has maintained a foothold for centuries, from the Mediterranean countries, and from the West Indies, and gave to the Florida growers their knowledge, with the result that many new and valuable varieties of citrus fruits were propagated.

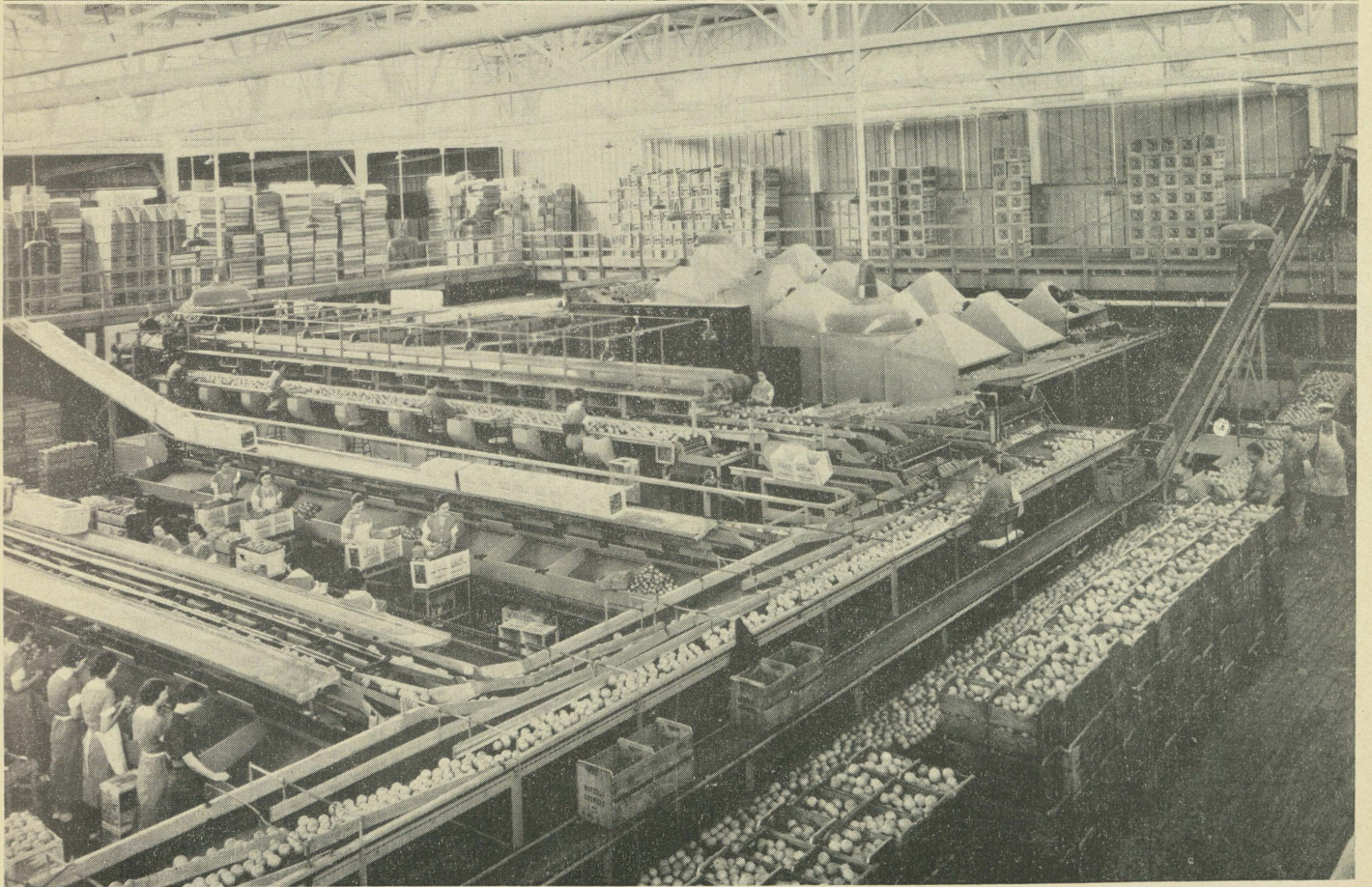
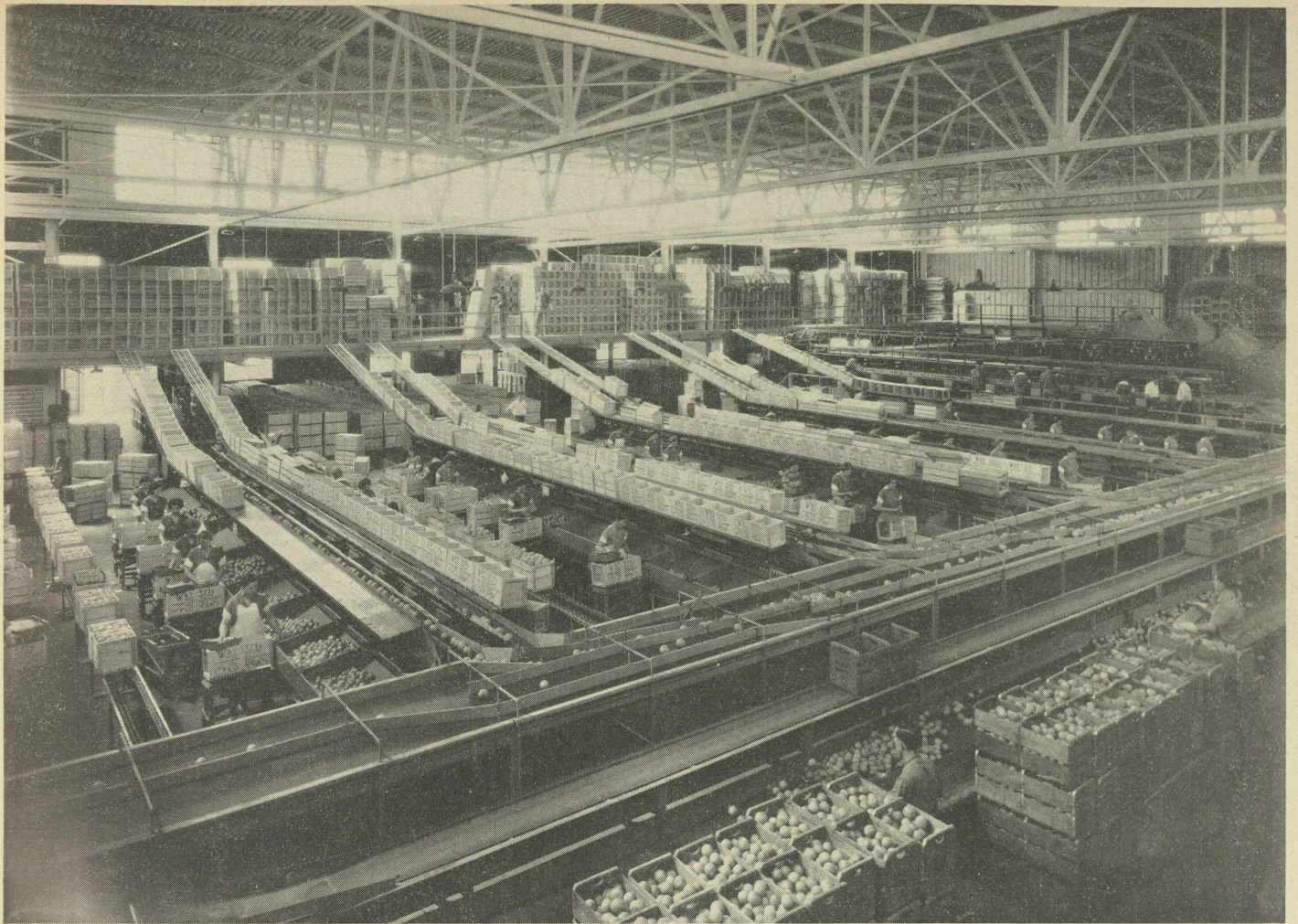
The varieties of citrus fruits now grown in Florida are divided into three classes: the early, midseason and late. Among the leading early varieties of citrus are: Parson Brown and Hamlin; midseason: Pineapple, Seedlings, Homosassa and Connors; and late varieties are Valencia and Lue Gim Gong. Thin peel oranges (kid glove) are Dancy Tangerine, Mandarin, King oranges and Satsuma (Owari); the early varieties of grapefruit are Duncan; midseason, Florida Common, Walters and Marsh Seedless.

Among the above-named varieties there are three varieties that deserve mention because of their bearing upon the citrus industry. The first of these is the Temple orange, that is either a hybrid or an exceptionally fine bud variation. Named for the late William Chase Temple, who did so much for the citrus industry in Florida, this variety received international attention. Known as the "\$10-a-box orange," its popularity became great and in 1921 about 10,000 acres were budded to Temples in Florida. Since the trees have grown older the fruit has improved.

Sour orange root stock is best adapted to Temple buddings. The fruit, somewhat resembling the Florida round orange in shape, has a remarkable uniformity of size, a deep-red color and a smooth, lightly pitted skin. The flavor is sweetly aromatic and lasting to the taste. The very thin skin, although tough, is easily peeled, the segments are uniform and easily separated. This orange is at its best from February to May, in fair shape in January and June. Its keeping qualities place the Temple orange among the very best for shipping and it has proven to be a very valuable addition to the citrus industry in Florida.

One of the late oranges listed is the Lue Gim Gong. This variety, a strain of the Valencia, was developed by a Chinese peasant of the same name who came to the United States in 1872. He carried on his experiment in the vicinity of DeLand, and it was there that he successfully propagated the Lue Gim Gong orange. For the first and only time in the development of orange vari-

Here (opposite page) are general views of packing houses showing the fruit starting its journey through processing and coming out in boxes ready for shipment to northern markets and abroad.





Despite its protective covering oranges seldom are touched by human hands in the process of cleaning and packing.

eties, the American Pomological Society awarded Gong the Wilder Medal, an honor accorded discoverers of new varieties. The Lue Gim Gong orange is the last to ripen in Florida and can be marketed longer than any variety now in existence.

Lue Gim Gong died in DeLand June 5, 1925 in the place where he had made his greatest horticultural experiments, and his remains were shipped to the home of his ancestors in China, in accordance with age-old Oriental custom.

The third variety of orange is the satsuma (Owari) which is grown extensively in north Florida. It is one of the mandarin group and is by far the hardiest orange grown in Florida. According to all available accounts the mandarin oranges originated in Cochin, China, at an unknown date. It is said that this orange was brought to Louisiana by the Italian consul at New Orleans sometime between 1840 and 1850.

The introduction of the mandarin orange from Louisiana into Florida is credited by the committee of the Florida Fruit Growers' Association to Major Atway. The exact time of the introduction is not known but it is believed to have been only a few years after introduction into Louisiana. The satsuma variety was introduced into Florida by George R. Hall in 1876, and again by Mrs. Van Valkenburg in 1878. At present Florida raises more satsumas than any other State, possibly more than the combined total of all.

Tangelos, varieties of which are produced by crossing

tangerines and grapefruit, are superior in quality. Though the acreage is limited, this variety commands a good price and more will probably be grown.

Florida citrus fruits are shipped to every part of the world. There is also a demand abroad for Florida fruit juices, mainly grapefruit juice. However, the United Kingdom and Canada are the two principal foreign markets and the latter takes nearly all of its orange imports from the United States.

And so the first few seeds imported, the crude grove begun by Christopher Columbus in Hispaniola in 1493, were the genesis of what is today in Florida an industry that in 1937-38 had a gross value estimated at \$53,-285,353. These returns included rail, boat and truck shipments, together with fruits canned and otherwise utilized from a 365,000 acreage in citrus trees.

Citrus Advertising Claims Backed

Advertising claims made for Florida are being backed up by the product, according to an investigation reported by Fred W. Davis, Lake Wales, chairman of the advertising committee of the Florida Citrus Commission.

Trade factors throughout the marketing area are well pleased with the commission's intensified advertising campaign and also with the way Florida shippers have eliminated conditions which had caused some bad fruit to reach the market.

A committee of the commission composed of Davis, Chairman Tom B. Swann, C. C. Commander of the Florida Citrus Exchange, Dave J. Kepner, Florida representative of the Blackett-Sample-Hummert advertising agency, visited the New York market this month and later praised the quality of Florida fruit they found on display.

Shipments of Florida fruit topped the million-box mark the first week in April, according to report of the State citrus inspection bureau at Winter Haven. The April 4-10 report showed 1,059,260 boxes, or 2,684.2 cars, shipped.

In its recent meeting in Lakeland the citrus commission deferred study of the proposal to re-use containers for fruit after a committee had reported that an expenditure of up to \$5,000 would be necessary to go into the matter thoroughly.

The committee whose report was presented by Commission Secretary Charles F. Chastain, pointed out that there was no immediate shortage of new boxes impending, that California and Texas apparently are not interested in re-use proposal at this time, and that it is extremely doubtful that the practice of re-using containers would be feasible as a war conservation measure because of difficulty of sterilizing, renovating and shipping boxes.

The commission confirmed a special committee's action in employing Dr. L. G. MacDowell as research director and two chemists to work on citrus by-products experiments at Federal laboratory in Winter Haven. Dr. MacDowell, formerly of Melbourne, will take over his duties May 1.

The most needed invention today is an automobile brake that will get tight with the driver.



Governor Spessard L. Holland and members of the Florida Citrus Commission are shown. Left to right, seated: John M. Knight, Vero Beach; E. H. Williams, Crescent City; Governor Holland; R. M. Clewis, Sr., Tampa; Fred W. Davis, Lake Wales. Standing: C. Walton Rex, Orlando; Thomas B. Swann, Winter Haven, who was chosen chairman; A. S. Herlong, Sr., Leesburg; Jeff Flake, Wauchula; Charles A. Stewart, Lakeland; G. R. Brock; Cocoa; Judge W. L. Tilden, Orlando. Swann, Williams and Knight are the holdover members.

The Florida Citrus Commission . . .

By James M. Brady

BACK IN the days of \$5 citrus fruit, investors who were *not* agriculturists found they could secure a better average return on their investment from a Florida citrus grove than through usual investment channels. In addition, a grove was beautiful to look upon, a diversion—entertainment—while on brief or prolonged visits or vacations in Florida.

These investors were not dependent upon these citrus investments. It was not their main interest—it was not vital. They did not apply themselves to an intelligent analysis of the business or to the solution of industry problems. The result? Abnormal plantings, and in a few years volume of production out of all proportion to the apparent demand.

The many complicated problems of increased distribution, consumption, transportation, economic production and orderly marketing had not been studied and solved so as to keep pace with production. Again, the result? Over-supplied markets and limited market areas,

price levels depressed to a point below cost of production to the average grower. In short, industry chaos.

At this point, as a result of unselfish thought and able leadership, the industry invoked the assistance of the legislature and a creature of that body was born at the 1935 session of the Florida legislature and named the Florida Citrus Commission.

One of the several outstanding able leaders in this accomplishment was Spessard L. Holland, a grower, able lawyer, and then representing Polk County in the State Senate. Spessard Holland is now our governor, and to him is due the lion's share of renewed confidence in and support of the commission.

The Florida Citrus Commission is a State governmental body set up for the administration of State citrus laws, and its powers are definitely limited by the provisions of those laws of which there are now 27—some active, some dormant, some active only under then existing conditions—as, for instance, the statute in reference to restriction on movement of frozen fruit. These limitations should be emphasized and the general public and

the industry importuned to bear them constantly in mind. If criticism is directed at the commission for failure to do this or that, it should first be determined if the commission has the power to act.

In certain fields, such as advertising and research, the commission's powers are broad, limited generally by the composite discretion of the members of the commission, having to do with the adoption of respective programs from time to time and the judicious utilization of available funds.

It is not, in any sense, a marketing organization and has no powers directly affecting that operation, although at times regulations promulgated may have indirect effect.

It is not a control committee, and has no powers affecting the administration of the Federal marketing agreement, although it stands ready at all times to cooperate with the control committee and the industry in carrying into effect the legitimate and constructive objects of that instrument.

In Florida, the marketing operation is approximately 50% cooperative and 50% independent, with the dividing line not too clearly defined. Cooperatives claim 65%—the independents claim 65%—and there are both sound and unsound arguments to support the claim of each. As to Florida fresh citrus fruit markets "all Gaul is divided into three parts"—terminal auctions, normal private sale and chain store purchasing organizations—all patronized, all criticized.

The commission is not a legal cooperative organization, yet its functions if they are to be helpful and effective necessarily require the cooperative thought, understanding and action of the entire citrus industry in all its varied interests.

Its eleven members are appointed by the governor, seven of whom must be bona fide growers without connection with any shipping organization, and four must be shippers and also growers. Eight are selected as representative of each of seven designated citrus districts (Polk County, because of its greater volume, having two representatives). Three are chosen to represent the State at large. The tenure of office is for two years.

Those who are familiar with conditions existing in 1934-35 in the Florida citrus industry instinctively know that the survival of citrus legislation and its creature, the Florida Citrus Commission, is a silent but eloquent tribute to the merit and accomplishment of the commission and its earnestly laboring and changing membership.

The national aspects of the commission's functions center upon two main objectives, which were decided upon at the outset and are still the primary industry aims:

- (1) Increase consumption by
 - (a) Advertising
 - (b) Proper merchandising and sales promotion
 - (c) Constructive intelligent publicity
- (2) Elimination of bad practices all along the line from production to consumption by proper legislation and cooperation.

Advertising funds are provided by a per-unit State excise tax; 1c per box on oranges, 3c on grapefruit, 4c on limes and 5c on tangerines. These funds can be spent

only for the benefit of each classification, and that portion of such funds as is collected from the canned or processed product must be appropriately applied. Florida's advertising fund, compared to the liberal assessments of our good neighbors in California, seems and is inconsequential, but it is a beginning.

It is probably safe to say that the Florida Citrus Commission is the purest type of cooperative yet devised from the standpoint of an *industry-financed promotional program*. Each unit of fruit pays into the common funds according to its classification, and benefits proportionately. The advertising boosts no individual brand or variety, all orange money promoting all Florida oranges, all grapefruit money promoting all Florida grapefruit, with the necessary adaptations to certain seasons of the year.

The advertising is supported by good merchandising methods, dealer service and other aids to sales promotion, all furnishing the industry with a clean, wholesome picture of the merits of our citrus fruits.

To support its advertising claims, the commission also conducts a broad program of research, both in the growing of good fruit and its preparation and transportation to market.

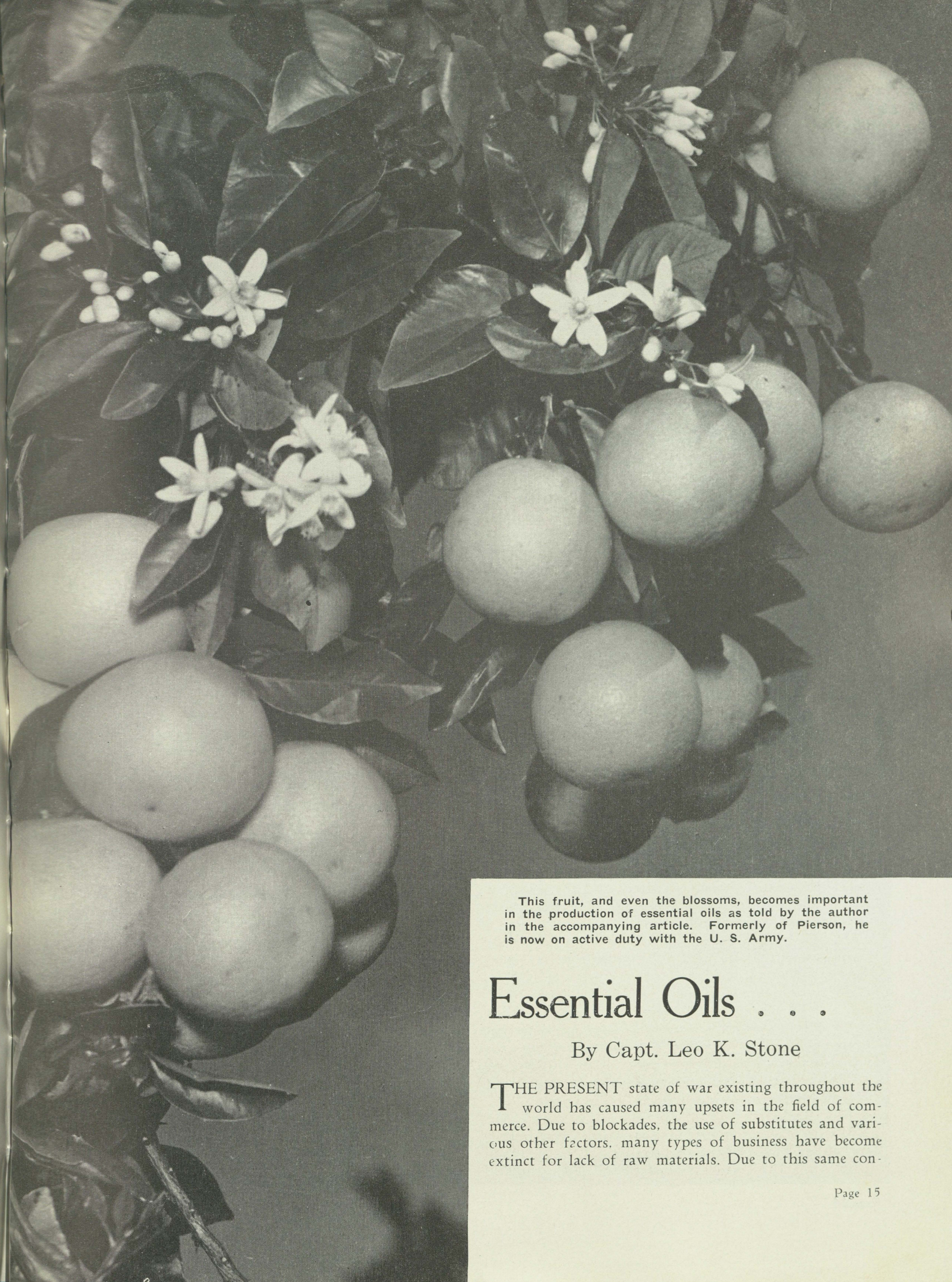
The commission is charged with the approval of licenses of citrus fruit dealers under the bond and license law protecting the grower against fraudulent practices on the part of high-handers. Applications are adjudged on the basis of individual merits.

It enforces regulations controlling practically every step in the handling of fruit, all designed for the single purpose of placing in the hand of the consumer the best possible fruit, processed in the most efficient manner. Those who handle our fruit after it leaves the State appreciate the importance of these regulations.

In addition to the enormous detail, complications and ramifications, only a small part of which has been referred to, the commission chooses to feel that over all it exercises a more important general function. It furnishes an open forum for the discussion of industry problems. It is the duty of the commission and each of its members to conduct itself and himself in relation to these problems, great or small, in a thoroughly impartial manner, continually keeping in mind the best interest of the industry as a whole, to avoid discrimination in every particular possible, to build and maintain a confidence in the commission and a morale in the industry which will insure at all times a sober, intelligent and industry-conscious approach to all problems and their discussions.

The commission is composed of Thomas B. Swann, chairman, Winter Haven; A. S. Herlong, Sr., vice chairman, Leesburg; R. M. Clewis, Sr., Tampa; Fred W. Davis, Lake Wales; Jeff Flake, Wauchula; C. Walton Rex, Orlando; Charles A. Stewart, Auburndale; Wilber L. Tilden, Orlando; E. H. Williams, Crescent City; G. R. Brock, Cocoa; John M. Knight, Vero Beach.

More than 4,000 containers of fruits and vegetables have been canned thus far this season with equipment owned by the Homestead home demonstration club. Club members and other women have been using the equipment, according to Miss Eunice Grady.



This fruit, and even the blossoms, becomes important in the production of essential oils as told by the author in the accompanying article. Formerly of Pierson, he is now on active duty with the U. S. Army.

Essential Oils . . .

By Capt. Leo K. Stone

THE PRESENT state of war existing throughout the world has caused many upsets in the field of commerce. Due to blockades, the use of substitutes and various other factors, many types of business have become extinct for lack of raw materials. Due to this same con-

Captain Leo K. Stone, author of this article, has been studying the possibilities of Florida citrus as a source of essential oils for many years. His study was interrupted in September 1940, when, as a reserve officer, he was called to active duty with the Army. At present he is on the staff of the Field Artillery School at Fort Sill, Okla.

Captain Stone has lived in Florida since 1918 and graduated from the University of Florida with a B. S. degree in 1933. His home is in Pierson.

It will be noted by his article that oil of orange produced from the peel is worth some \$3.25 a pound and that oil of orange produced from the flower is worth \$16 an ounce. He points to the opportunity offered to Florida by this new industry which is likely to become all the more important because of the war.

dition, many new industries have come into being, particularly in the United States. Due to the lack of silk, the manufacture of nylon has become an important industry.

In this latter category might be classed the essential oils, a few of which are oil of orange, (both of the peel and of the flower), oil from the green shoots of the orange tree, lavender oil, oil of bay, and the oils of rose, cedar and various other plant oils. Essential oils are plant oils, and are extracted from the various plants by different means, by pressure, by distillation, by rubbing with a sponge, by the use of alcohol and fats and in several variations and combinations of these methods.

Essential oils are used in great quantity in perfumery and the manufacture of toiletries and cosmetics. This use has greatly increased in the past few years due to the widespread increase in the use of these products. The cosmetic industry has in the past twenty years become a major one.

In addition, oil of orange is used to a great extent in the soft drink industry as are other essential oils. Everyone is familiar with the rapid expansion of this industry.

These products have to a great extent been imported. The greater part of these oils, particularly the oils of orange, have been produced in Italy and the south of France. Another producer is the island of Chios, as are the islands of Curacao and Trinidad.

With the present war and difficulties of transportation it would seem that the present is indeed a most opportune time to establish this industry in the State of Florida. Without a doubt the people of the European countries will be entirely too occupied with growing food for the next few years to attempt to keep up production of oils not necessary to sustain life, even though blockade and trade restrictions did not exist.

This industry has been started in a small way several times in Florida. Quoting from an article in the "Year-book of Agriculture, 1936" by Edward S. Steele, "Mr. E. Monlie of Jacksonville, Florida, started a perfumery farm at San Mateo in that State in the fall of 1880 and up to April 1893 had extracted the oil from 150,000

fruits of orange and lemon besides making use of a large amount of orange and other flowers. He is a strong believer in the capacity of Florida for perfumery production."

What happened to Mr. Monlie's industry I have been unable to determine. In all probability it was wiped out in the great freeze of 1896.

To show the relative value of the orange from the British or European point of view, I quote from Pesse's *Art of Perfumery, 1891*, "No tree is so profitable to the flower farmer as the orange, and emigrants to any of our warm colonies should make a note of this and fix on their memory that the leaves of orange yield an otto worth three shillings an ounce, that the flowers yield an otto worth ten shillings an ounce, and the blossoms yield, by inflowering, a fat worth eight shillings per pound and that the fruit, if it cannot be sold by the score in the market, is a *relished food for cattle*." You will note that the food, our principal item, the one feature for which we grow our crops, is listed as a food for cattle. It is a timely commentary upon the wastefulness of our system of agriculture that we throw away the by-products which are of more value than the orange.

Now as to methods of production. The oil of orange flower will be taken first. Papers are spread on the ground under the trees when blooming. These blossoms drop off from the tree onto the paper and are gathered daily. Water is added and the flowers placed in a small still. The result is distilled over and orange oil is collected and separated from the water which accompanies it over in the process of distillation.

With the oil of orange (or the oil orange peel, as it is sometimes known), the orange peels are placed in a still, water is added and the result distilled over. However, this does not make as fine a product as when the oranges are rubbed over a rough steel surface and the oil extracted by hand. However, due to the high cost of labor there seems to be some arguments in favor of the distillation process.

The oil from the shoots is made by taking water, sprouts and fresh growth and distilling these. While the yield from all of these methods varies, it has been found profitable in foreign countries for many years. In addition, I believe that the moist climate of Florida produces a larger yield of oil than the relatively dry regions of the west coast.

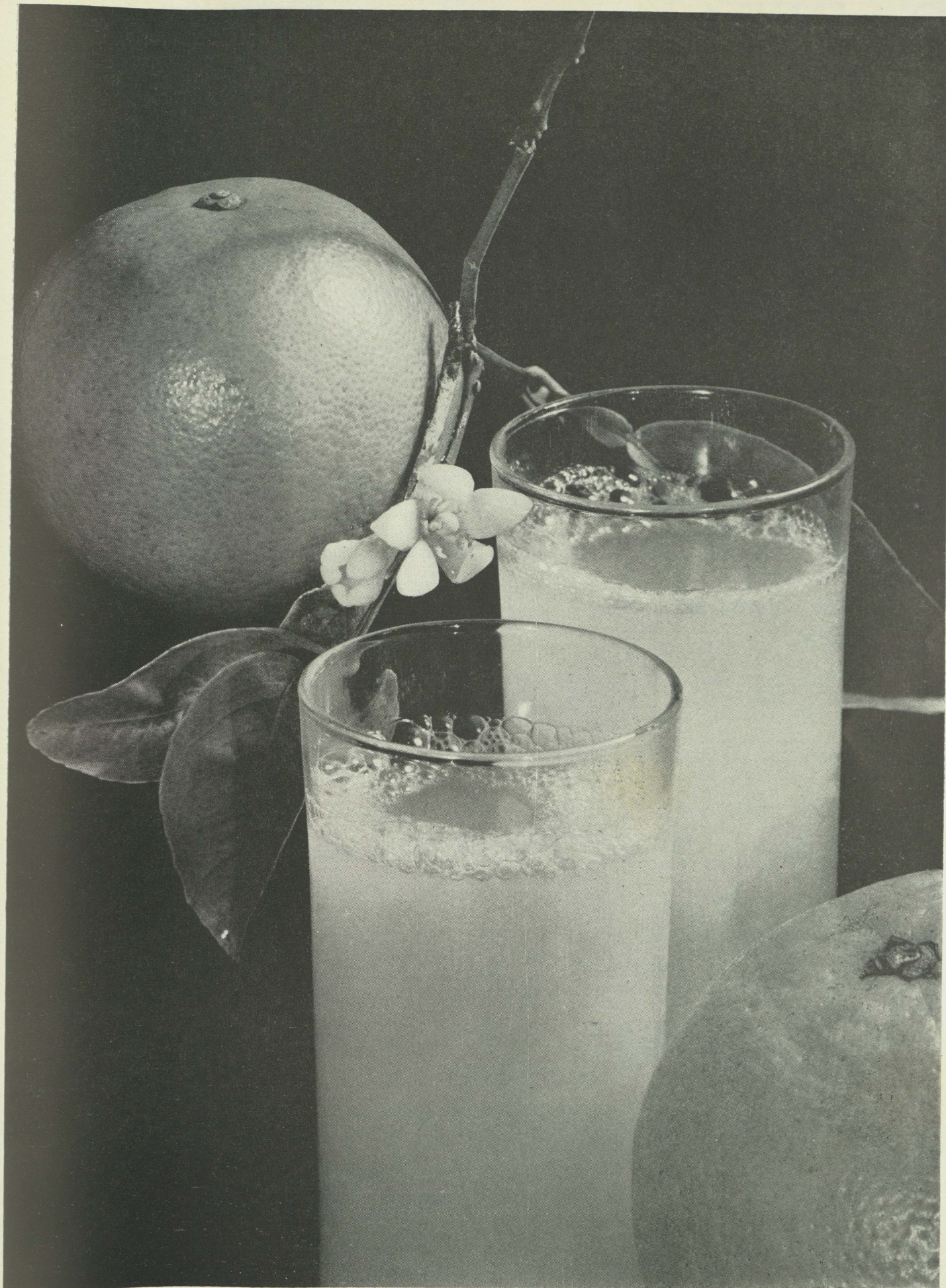
While no estimate can be made of the amounts which might be earned per acre, the following wholesale prices give at least an idea of the money that the orange growers of Florida are leaving in the ground and in the air.

Oil orange (peel) \$3.25 per pound.

Oil orange (flower) \$16.00 per ounce.

The culls could be used admirably for the production of the oil of orange peel and the blossoms are at present of no value at all. This is indeed a chance for the orange growers of Florida to improve their financial position and set up an industry of permanent value.

The fruit and the juice (opposite page) in an attractive illustration which has been used by the Florida Citrus Commission in advertising of Florida's chief product. Florida juice plants are now working on government contracts for production of juices for the Nation's armed forces.



CAPITAL CHATTER . . .

TWO MORE State departments began to feel the war this month when employees were lopped off the Motor Vehicle Department and Hotel Commission payrolls. Wartime restrictions on automobiles, tires and gasoline sales brought about a slash in Commissioner Henry J. Driggers' payroll which saw a reduction of 14 employees, while Army occupation of scores of hotels, removing them from State inspections, caused the reduction in Hunter G. Johnson's department. It was the second payroll reduction for the motor vehicle department, the first cutting off 21 employees on April 1 . . .

Seven persons were killed in hunting accidents in Florida during the last season, according to report of I. N. Kennedy, secretary of the State Game and Fresh Water Fish Commission . . . May 1 has been proclaimed Child Health Day in Florida, Governor Holland urging parents to cooperate with health officials in immunizing children against disease . . . Officials welcomed announcement from Miami of the approval by Federal Judge Curtis L. Waller of the refunding of \$15,000,000 indebtedness of the insolvent Everglades Drainage District for approximately \$5,000,000 . . .

Thomas W. Bryant, Lakeland, has been appointed to the State Board of Control (supervising State colleges) to succeed W. M. Palmer, Ocala, whose term expired . . . S. E. Rice, conservation commissioner, has extended the shad fishing season in the St. Johns river to May 1, declaring that late spring and heavy rains had delayed the shad run . . . The State Parole Commission is working out a plan whereby Florida convicts within proper age limits may be able to get into the Army and also a program to secure employment for paroled prisoners in National defense jobs . . .

Gen. Albert H. Blanding of the State Defense Council urges people to stay at home and curb their curiosity in the event of unusual incidents, pointing out what happened to the cat . . . In an opinion to Colin English, State Superintendent of Public Instruction, Attorney General Watson says property owned by the State board of education is not subject to taxation, even a levy for

servicing bonds before the board acquired the land . . .

Automobile repairmen, hard hit by rationing, have been asked by Governor Holland to list their facilities for use in an effort to have Army and Navy vehicles serviced in private garages . . . Miss Jane Arnold, 17-year-old daughter of Mr. and Mrs. W. P. Arnold, has been elected 1942 queen of May and will be crowned on May 1 under the historic oak which has shaded more than 100 such coronations . . . Thomas C. Imeson, Jacksonville, State Defense Council committee head, is the author of a bulletin outlining best methods of fighting fires being released by the council offices here . . .

Governor Holland may have the authority to reduce the State speed

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limit if a survey of the State Road Department shows that an additional hazard is the result of rationing regulations, according to an opinion of Attorney General Watson . . . Laurence S. Rickard, director for Florida of the U. S. Employment Service, is urging greater production of oil-bearing crops such as peanuts and soybeans . . . Industrial pools formed to get war contracts must be financially strong and well-managed, according to announcement of State Director C. C. McCubbin of the WPB . . .

Florida's February highway death toll of 51 was a decrease of 24 from February 1941, and placed Florida at the top of the Southern column in percentage of accident reductions, according to Director J. J. Gilliam of the Florida Highway Patrol . . . According to a ruling of Attorney General Watson, Florida sheriffs may confiscate slot machines only if they are used for gambling with the consent of the owner or his representative . . . The State Road Department has urged Congress to give most careful consideration to the serious effect of higher Federal taxes on gasoline, pointing out to Florida senators and congressmen the probable loss in State revenue . . . War and kindred developments clipped 8,000,000 gallons off Florida's gas consumption in February and cut tax revenues by more than half a million dollars . . .

Paul E. Raymond, assistant attorney general of Florida, has been named chairman of the truancy committee of the Florida Probation and Parole association of which Judge H. L. (Tom) Sebring is president . . . Florida's cabinet has gone on record against a proposed Federal law to make revenue from city and county bonds subject to Federal income taxes.

State officials were gratified at the friendly settlement of the recent Miami Beach-Army hotel contro-

versy following Governor Holland's advice against alleged profiteering . . . Working girls attending the Florida State College for Women make grades above the college average, according to a study of Dr. Elizabeth Gordon Andrews, college personnel director . . . The same study shows seniors, juniors, sophomores and freshmen finish in that order in grades . . . Clayton C. Codrington, head of the salvage program in Florida and publisher of the *Lake City Reporter* and president of the Florida Press Association, initiated two Florida editors into Sigma Delta Chi, professional journalism fraternity, at Gainesville. The editors initiated are Harris G. Sims, editor of the *Lakeland Ledger* and Clyde K. Beale, assistant editor of the *Agricultural Experiment Station* of the University of Florida. . .

Floridians had purchased 42 and a half million dollars worth of defense bonds and stamps from May 1, 1941 to February 28, 1942, according to reports reaching Tallahassee from Deputy Administrator Karl Lehmann of the Florida Defense Savings Committee . . . Only physicians (M.D.'s) can be considered in obtaining automobile tires, according to W. C. Sherman, State rationing administrator . . . Circuit Judge L. I. Fabisinski, Pensacola, has been assigned to conduct court in the Second Judicial District during the illness of Judge E. C. Love of Quincy . . .

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High Grade Fertilizers and Materials

Florida Distributors

Dupont Insecticides and Fungicides

Orlando, Florida

B. D. McINTOSH

Yellow Pine and Cypress Lumber

Altamonte Springs, Fla.

Phone 1307R

Winter Park Line

Orlando, Florida

500 North Westmoreland Avenue

Murrah Oil Company

Distributor of

KENDALL PRODUCTS—"Choice of the Champions"

JOHN C. PAYNE, JR., Manager

L. A. MURRAH, Owner

CUMMER SONS CYPRESS COMPANY

Winter Garden Citrus Growers' Association

BULL FROG, CRANE, MOR-JUCE, SEALD-SWEET BRANDS

Affiliated with Florida Citrus Exchange—Growers' Cooperative Marketing Association

P. C. PETERS, Secy-Mgr.

WINTER GARDEN, FLORIDA

ance by \$763,000 in 1941, according to State Treasurer Ed Larson who also is State Insurance Commissioner. They paid \$40,928,456 in premiums for the year . . . New State law books will be ready for distribution about May 1, according to Attorney General Tom Watson . . . Governor Holland will get the first book and the revision will become official 30 days after his proclamation . . . Sheriff Frank Stoutamire, Leon County, has been made treasurer of the Florida Sheriffs' Association under Sheriff Charles S. Dean, Citrus County, new president . . . Dr. Robert B. McIver, Jacksonville, has been appointed to the State Board of Health to succeed Dr. Shaler Richardson, Jacksonville, and Dr. Herbert L. Bryans, Pensacola, has been reappointed to the board . . .

Commissioner of Agriculture Nathan Mayo won his battle with the U. S. Department of Agriculture for approval of a contract whereby eggs will be purchased by the State Agricultural Marketing Board. Doubling of the State's egg production is likely to be the result, he said . . . In a special election held to break a tie vote, Miss Virginia Green, Perry, defeated Miss Mary Alice Kirchner, Adrian, Mich., for president of the senior class of FSCW . . .

Municipalities are not liable for damage if volunteer, unpaid auxiliary policemen and firemen are injured or killed during official action in an air raid, blackout or other emergency, according to a ruling of Attorney General Tom Watson . . . John D. Kelly, Arcadia, who has had control of State livestock markets since February 1941 has been returned to active management of the Arcadia market alone. He doubled the volume of State-owned markets in a year's time . . .

Vernon Hawthorne, Miami, former State attorney, has been appointed by Governor Holland to succeed Wayne Allen as judge of the Dade County Court of Crimes . . . Miss Marianne Smith, Jacksonville, has

been elected president of the YWCA of FSCW. . . Comptroller Lee has closed the Bank of Malone for examination of its accounts, the first State closing since the National bank moratorium of 1933 . . . State Attorney G. A. Worley, Miami, was named by Governor Holland to prosecute murder charges against Cornelius Parker and James Gaston in Hillsborough County due to the illness of Resident State Attorney Rex Farrior, Tampa . . . Bryan Hall, oldest dormitory of FSCW, will be remodeled at a cost of about \$140,000 by authority of the State Board of Education . . .

Rep. Russell O. Morrow, Palm Beach, has resigned to accept appointment as State attorney of the Fifteenth Judicial District, succeeding Phil O'Connell who has entered active military service . . . G. C. Beck,

Rupert Caviness, Inc.

Ocala, Florida

Mills Rock Co.

of Miami, Inc.

Florida

ALACHUA ROCK QUARRIES
Williston, Florida

Gainesville Plumbing Supply Co.

S. Grossman, Prop.

Complete Line of

Plumbing Supplies and Fixtures

334 West Boundary Street
GAINESVILLE, FLORIDA

E. F. FITCH, President

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"BROOKSVILLE STONE"

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Offices:
Ocala, Fla.
Leesburg, Fla.
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Quarries:
Conrock, Fla.
Camp, Fla.
Gay, Fla.

MULBERRY SUPPLY COMPANY

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SPECIALIZED MACHINERY AND MINE SUPPLIES

Telephone 51

MULBERRY, FLORIDA

BUCYRUS-ERIE COMPANY

Draglines

AMERICAN STEEL & WIRE CO.

Wire Rope

GOODYEAR TIRE & RUBBER

CO.

Mechanical Rubber Goods

CLEVELAND TRACTOR CO.

Cletrac Tractors

THE HEIL COMPANY

Bulldozers & Scrapers

PAGE ENGINEERING CO.

Dragline Buckets

WELLMAN ENGINEERING CO.

Clamshell Buckets

CLEVELAND MALLEABLE

IRON CO.

Steel Chains

NATIONAL TUBE CO.

Steel Pipe

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Manufacturers: BEDROOM AND DINETTE FURNITURE

PALATKA,

FLORIDA

PURPURA BROS.

OCALA,

FRUIT FOR TRUCKERS

FLORIDA

New Smyrna Beach, has been appointed Volusia County commissioner succeeding the late Horace Bennett . . . Charles W. Barnett, connected with the Tampa office of the U. S. Employment Service for six years, has been appointed assistant director of the service for Florida . . .

In a telephone conversation with Governor Holland on March 16, Secretary of Interior Harold Ickes assured the chief executive that gasoline rationing would not affect tourists staying in Florida as long as they wish . . . Henry J. Driggers, Florida Motor Vehicle Commissioner, was elected vice president of the American Association of Motor Vehicle Commissioners in its Miami meeting which asked 11 Southern States to adopt uniform regulations regarding maximum truck loads . . .

State Veterinarian J. V. Knapp reports that but 55 of 69,248 Florida cattle examined had tuberculosis and that but nine-tenths of one percent of 403,772 cattle in Florida had Bangs disease . . . The State Livestock Sanitary Board has 23,067 dairy herds under inspection . . .

LIGHTER-THAN-AIR AIRCRAFT BASE SLATED FOR PERRINE

More than \$3,000,000 will be added to the Federal defense construction program in Florida with the building of a lighter-than-air aircraft base at Perrine, according to announcement from Washington. It will be one of two such bases in the country, the other to be constructed at Santa Ana, Calif.

Construction work at the Florida base will be handled by the Ivy H. Smith company, the S. S. Jacobs company, the Langston Construction company and the Hubbard Construction company.

SEA ISLAND PRODUCERS ASSURED OF RETURNS

Sea Island cotton producers are assured of returns commensurate with the effort and costs of production through the new price floor set by the Commodity Credit Corporation and Florida farmers should make ready to get in as much of it as possible, according to Commissioner of Agriculture Nathan Mayo.

The commissioner asks that ex-

perienced growers accept this production challenge as a patriotic duty, pointing to the need for long staple in the war effort. He stated that the cooperative organization at Lake City and cotton ginneries at Ocala still have available certified seed.

FLORIDA TO CONTINUE DRIVE FOR TOURISTS

Florida will not discontinue efforts to get tourists, the State's largest source of income, during the war, according to statements of officials made during the month in support of Florida exhibits displays at northern points during the summer.

The exhibits will be made at Atlantic City, Boston, New York and other points under direction of Earl Brown who directed shows at the Chicago and New York fairs.

"The exhibits will continue to function as the State's leading promotion agency through 1942," said Governor Holland.

"In a State such as ours it is necessary in order to meet the costs of government in the present war emergency," said Comptroller J. M. Lee.

"It is necessary that we take our message to the Nation's markets if we are to obtain remunerative and fair prices for our products and if we are to secure tourist patronage

vital to our welfare," said Commissioner of Agriculture Nathan Mayo.

24-Hour Service
SUNRISE MOTOR COMPANY
Ford - Lincoln - Mercury
305-325 South Dixie
FORT PIERCE, FLORIDA

KOMER'S BLACKSMITH SHOP
WELDING - MACHINE WORK
BLACKSMITHING
PAHOKEE, FLORIDA

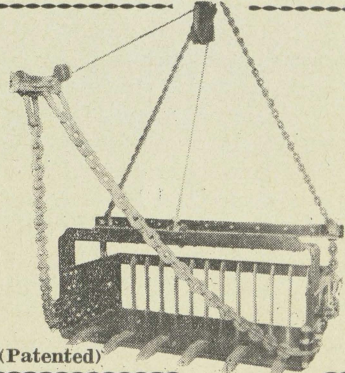
Bank of Pahokee

PAHOKEE,
FLORIDA

PIONEER MOTOR SALES CO.
Established 1928
L. E. WILL, Pres.
Box No. 307 Phone 10
All Auto Supplies and Repairs
"THAT GOOD GULF GAS"
BELLE GLADE, FLORIDA

First Quality Base Rock
NARANJA ROCK CO., Inc.
THE ROCK THAT CEMENTS
Naranja, Florida
J. H. GADWAY, Supt.
TEL. NARANJA 573 P. O. BOX 96

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J. C. Nicholson Estate
VERO MACHINE
And
SUPPLY SHOPS
Manufacturers of
Smith Canal Cleaning Rake
Vero Beach, Florida



(Patented)

H. E. WOLFE CONSTRUCTION COMPANY, Inc.
St. Augustine, Florida

Good Neighbor Policy Involved . . .

ALTHOUGH it declined, by a vote of six to one, to reconsider its decision confirming Comptroller Lee's refusal to pay a \$10,697 printing bill of the citrus advertising material to an out-of-State printing firm, thus upholding the law's constitutionality, at least one member of the State supreme court feels that the law, and others which restrict interstate commerce and deny the "good neighbor policy," are not conducive to the best interests of Florida.

The denouncement of trade barrier legislation was made by Justice Glenn Terrell in filing a special dissent from the majority opinion in which he declared that the success of Florida's citrus business, its winter vegetable business and its tourist business depends upon a good neighbor policy just as does business in all other States.

If out-of-State printers are excluded from a chance to print Florida citrus advertising, says Justice Terrell, "it is contrary to all human experience to say that they won't buy oranges from Texas, California or even Palestine." The law, he said, has no place in a world committed to the good neighbor policy.

"The law erects a trade barrier that should not be extended to the citrus business by implication," said Justice Terrell. "Such barriers are becoming very embarrassing to interstate and intersectional relations and while they may benefit individuals in some cases, they react badly on the general welfare and I think they are out of harmony with the spirit of democracy."

* * *

Special laws limiting the weight of loads hauled over bridges in any county cannot restrict the weights authorized by general State laws, the supreme court has decided in knocking out a special 1941 law applying to bridges over Indian River in Indian River County.

The Indian River County law provided a maximum weight of five tons for a single vehicle crossing the bridges while the State law allows vehicle combination weights up to 40,000 pounds.

* * *

One hundred and eighty thousand dollars of acreage taxes which were held by the Everglades Drainage Dis-

trict before it started bankruptcy proceedings must be distributed by the Federal court along with other assets of the district, according to supreme court ruling.

Some creditors of the district had contended that the moneys were trust funds held for the benefit of bondholders and should be distributed pro rata according to a circuit court judgment which was obtained before bankruptcy proceedings were filed. The decision supports "paramount jurisdiction" in the Federal court handling the case.

* * *

Voluntary participation in an excursion, even though you pay part of the cost, doesn't make you a paying passenger entitled to recover damages if you are injured in wrecking of the automobile, according to a decision of the supreme court.

The court reversed for new trial award of damages to Lee M. Couey against Quitman McDougald for injuries received in a car owned by

McDougald but driven by another person.

It was held that in those circumstances the passenger was a guest and entitled to recover only under

OOLITE ROCK COMPANY

Producers of

Miami Oolite Lime Rock
Grades No. 1 and No. 2

P. O. Box 1751

Miami

Hall's Auto Parts

Automotive Parts

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H. J. Sutton

Wholesale Lumber

Ft. Pierce,

Florida

BENNETT'S FIRESTONE SERVICE

GAS OIL TIRES

Fort Pierce, Florida

VAUGHN & WRIGHT

GENUINE McQUAY — NORRIS

AUTO & TRUCK PARTS

W. Palm Beach - Ft. Pierce

FARWAY DAIRY

Incorporated

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Florida

A Complete Line In Every
Department

MIAMI PARTS & SPRING CO.,
INC.

35 to 41 Northwest Fourth Street
Miami, Florida

Affiliate: Berner-Pease, Inc.
Miami, Florida

Affiliate: Auto Parts & Equipment
Co., (Not Inc.)

Ft. Lauderdale, Florida

Affiliate: Motor Parts & Equipment
Co., Inc.

West Palm Beach, Florida

JOE'S TIRE SHOP

Recapping - Retreading - Tires
Tubes - Batteries - Recapping

USED TIRES AND TUBES

1113 N. W. 7th Ave.

Phone 2-2541

Joe Gibson

Miami, Florida

CENTRAL GARAGE

GENERAL AUTO REPAIRING

24 Hour Wrecker Service

TITUSVILLE,

FLORIDA

S. R. RAIFSNIDER

Agent

STANDARD OIL COMPANY

Gasoline, Oil, Tires and Batteries

OKEECHOBEE, FLORIDA

Daytona Auto Supply Co., Inc.

Wholesale Distributors

MACHINE SHOP SERVICE

Parts - Bearings - Supplies
Shop Equipment

DAYTONA BEACH, FLORIDA

DIESEL
TRACTORS

CATERPILLAR

Reg. U. S. Pat. Off.

ALL LINES INDUSTRIAL MACHINERY

SHELLEY TRACTOR & EQUIPMENT COMPANY

MIAMI,

3650 Bird Road

ROAD
MACHINERY

FLORIDA

the guest statute which provides that any person riding in a car, even by invitation, can recover damages if injury results from gross negligence on the part of the driver.

* * *

Former owners of the tax-delinquent land sold under the Murphy Act may recover the property at a foreclosure sale, even after the two-year redemption period has passed, for the amount paid by another for the certificates, according to ruling of the supreme court last month. The court split 4 to 3 on the ruling which reversed a Palm Beach County circuit court's judgment.

* * *

The 1941 Florida liquor price control law which requires retailers to add at least 40 percent to their wholesale prices has been upheld by the supreme court. The law was attacked by the Webb Drug Company of St. Petersburg and defended by the State beverage commission which enforces it.

The court held public health, business stability and certainty of State revenues are protected by guaranteed profits for liquor retailers.

* * *

Validation of a City of Miami \$1,157,000 bond issue to finance extensions to the municipal hospital was affirmed by the supreme court. The bonds are to be paid from revenue from the hospital and do not obligate the city to levy any form of taxation, the court held.

URGES EXTENSIVE FOREST PLANTINGS

Much more extensive forest plantings and timber production are being urged by members of the Florida Forest and Park association as a means of meeting the drain for war purposes. The association recently held its twentieth annual session in Gainesville.

Speakers pointed out that there are vast acreages available for reforestation in Florida and that advancement in chemical research has found many additional uses for forest products.

The association reelected Wayne Thomas, Plant City, president. Guy H. Wesley, Jacksonville, and J. H. Sherrill, Pensacola, were named vice presidents, S. J. Hall, Jacksonville, secretary and Prof. H. S. Newins, Gainesville, treasurer.

HERTY AWARD TO U. OF F. PROFESSOR

Dr. Thomas R. Leigh, University of Florida, will receive the Charles H. Herty award for outstanding work in chemistry for 1942. The award comes for his invention of the Leigh fog screen for protection of vessels against submarines.

The award, offered annually by the Georgia State College for Women, will be given at the Milledgeville school on Herty Day, May 2.

Dr. Leigh is a native of Mississippi and came to the University of Florida in 1920 as head of the Department of Chemistry. He has been vice president of the university since 1934.

California has a law requiring a red rear reflector in addition to the taillight.

PATTEN SALES COMPANY

complete
Automotive Equipment
featuring

Bendix-Westinghouse Air Brakes
and

B. K. Vacuum Brakes
824 N. E. First Avenue

MIAMI, FLORIDA

ASSOCIATED CONCRETE PIPE COMPANY

of Florida, Inc.
P. O. Box 115

HIALEAH, FLORIDA

CARTER ROCK AND SAND CORP.

Fresh water Rock and Sand
Phone 77480

MIAMI, FLORIDA

Nationwide Bus Service

FLORIDA MOTOR LINES

Postoffice Box 329
Jacksonville, Florida

Buy Bearings from Bearing Specialists

Florida Motor Service, Inc.

"The Drive-in Parts House"

Distributors

FAFNIR R. B. C. TIMKEN
BEARINGS

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JACKSONVILLE, FLORIDA

PHOTO ENGRAVING

LINE CUTS
HALFTONES
COLOR AND
PROCESS
PLATES

JACKSONVILLE, FLA.

RESPRESS ENGRAVING COMPANY
INC.

A COMPLETE ART SERVICE

A. R. COGSWELL

"SINCE 1921"

Blue Prints - Photostat Prints - Engineering Supplies
223 HOGAN STREET JACKSONVILLE, FLORIDA

B. B. McCORMICK AND SONS

—INCORPORATED—
GENERAL CONTRACTORS

616 Graham Bldg.

Jacksonville, Florida

TRANSIT-MIXED CONCRETE
BULKHEADING
GRADING

ROAD CONSTRUCTION
MARINE CONSTRUCTION
RIGHT OF WAY CLEARING

THE DIXIE CULVERT & METAL CO.

THE ARMCO PIPE ARCH
ARMCO MULTI PLATE ARCHES

JACKSONVILLE, FLORIDA

ARMCO ASBESTOS BONDED
PAVED INVERT PIPE

No Special Session, No New Taxes

THERE WILL be no special session of the State legislature this year and, despite decreases in many departments of State revenue, there is a million-dollar balance in the State's general operating fund, according to announcement of Governor Spessard L. Holland and Comptroller J. M. Lee noting Florida's financial situation as of April 1.

After all bills presented had been paid the comptroller informed the governor that the general revenue fund balance was \$1,036,000, ample to carry the State through the summer months, a dry period in heavy tax collections.

"I hope that the fact that there is no apparent necessity for any additional taxation will be reassuring to the public," said Governor Holland. "We will have to husband the balance carefully and spread it, with regular monthly collections, over the lean summer, but we are entering the lean period in good condition."

The fine balance will make it possible for the State to continue discounting operations bills and meet payrolls on time. The beverage department has collected enough to pay \$3,800,000 into old age pensions and aid to dependent children. Collections during the next three months will go to schools. The \$13,000,000 appropriation for school teachers' salaries will be paid in full. The next major tax collection of the State will come October 1 when occupational license taxes are due. This will turn about \$600,000 into the treasury.

ROAD BUILDERS ELECT LANGSTON AS PRESIDENT

E. C. Langston, Orlando, was elected president of the Florida Division, American Road Builders association, at its meeting in Tallahassee this month. He succeeds Charles W. Smith, Pensacola.

Vice President James H. Craggs, Ocala and Secretary H. M. Birtley, Tallahassee, were reelected.

The Federal ban on non-essential

construction need not be such bad news to Florida road building contractors, according to Governor Holland, who spoke at a luncheon following the annual meeting, because of the fact that there is much work yet to be done in making military and naval posts in Florida accessible by adequate roads. He also called attention to the need for construction of landing fields.

Governor Holland urged the association's support for the passage of two constitutional amendments,

LAKELAND COTTAGES
East City Limits on U. S. 92
LAKELAND, FLORIDA

Haven Fender & Body Works
Official AAA Service
24-HOUR WRECKER SERVICE
Official Bear Alignment Service
PHONE 25593 WINTER HAVEN

BUD'S WRECKER SERVICE
Everything The Name Implies
"NATIONAL FIRST AID STATION"
Lake Alfred Winter Haven, Fla.

THE HILLS BROTHERS COMPANY
"DROMEDARY" Food Products
BARTOW, FLORIDA

M. C. CADDELL
GENERAL CONTRACTOR
P. O. Box 2217 Jacksonville, Florida

CHARLES A. STEWART CO.
Growers - Shippers
FLORIDA CITRUS FRUIT
AUBURNDALE, FLORIDA

TATE-PHILLIPS COMPANY
INTERNATIONAL TRUCKS
NASH AUTOMOBILES
Complete Parts Stock
BARTOW WINTER HAVEN

WOODALL'S SERVICE
24-HOUR WRECKER SERVICE
835-841 North Florida Avenue
Phone 29-191 Lakeland, Florida

STEWART'S SERVICE GARAGE
NEW AUBURNDALE ROAD
Day and Night Wrecker Service
Phone 33-033
LAKELAND, FLORIDA

GARNETT GABRIEL, Agent
STANDARD OIL COMPANY
Complete Line of Standard Oil Products
Phone 289 Bartow, Florida

The McDonald Corporation
AUBURNDALE
BROOKSVILLE
LAKELAND

Will Save \$25,000 on Tags . . .

Florida taxpayers will save some \$25,000 on the cost of 1943 automobile license tags through the use of "tabs" instead of entire new tags, according to calculations of Henry J. Driggers, Florida State motor vehicle commissioner.

Old plates will be used and tabs bearing the figures '43 will be sold to cover the '42 on the old tags. The tabs will fasten over the old tag with the same bolt that now holds the tag on the car. The color of the number has not been decided upon but it will be different than the remainder of the tag. In addition to the tab, each car owner will receive a sticker for his windshield as an additional protection against theft of the tabs.

Commissioner Driggers stated that he believes that there is enough material at the State prison farm, where the tags are manufactured, to care for the tabs. Plates for 1942 tags cost \$34,280.

The motor vehicle department is economizing in other ways, having cut off 35 employees since the first of the month. The tire shortage and freezing of new automobile sales will mean severe reduction in the department's revenues, Commissioner Driggers said, and everything possible is being done to maintain service and at the same time reduce expenses.

Through March 15 the department had collected \$8,300,000 on the sale of 440,000 automobile tags. Of this sum \$7,250,000 has been turned into the public school teachers' account, \$243,000 will be paid shortly and \$250,000 has been paid into the general revenue fund in the three percent handling charge law passed by the 1941 legislature.

one revising the gasoline tax revenue allocating system and the other making it easier to amend the constitution.

Adoption of the gas tax amendment would put the State Road Department's operations on a sound basis over a long period of years and make more money available for road building, resulting in discontinuance of all ad valorem taxes for paying

off highway bond debts of the counties, the governor said. The other amendment to permit submission of constitutional amendments by special sessions of the legislature would meet emergency conditions, he declared.

The chief trouble with increased earnings is that they nearly always bring increased yearnings.—*Port St. Joe Sentinel.*

J. H. CHURCHWELL CO.

Manufacturers and Distributors of
CLOTHING AND SHOES
JACKSONVILLE, FLORIDA

THE H. & W. B. DREW CO.

New and Rebuilt Levels
Transits Repair Service - Blue
Printing
Agents - KEUFFEL & ESSER CO.
Jacksonville, Florida

HAGIN - PETERS COMPANY

Incorporated
WHOLESALE GROCERS
1355 West Beaver Street
JACKSONVILLE, FLORIDA

NATIONAL OFFENSE

Maintenance of Rolling and Working Equipment . . . Machine Shop operations all go hand in hand . . . We are proud of our machine shop and our complete parts stock.
MOTOR PARTS AND SUPPLY, INC.
Jacksonville, Florida

L. E. HAKES CO.

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Phone: 5-1723-5-1724
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M. B. OGDEN

CONTRACTORS EQUIPMENT
Phone 5-3072 Graham Bldg.
JACKSONVILLE, FLORIDA

STANFORD FRUIT GROWERS

Incorporated

CITRUS FRUITS

LAKE ALFRED,

FLORIDA

Phone Winter Haven 2172

ALLEN BROTHERS

Winter Haven,

Florida

M. O. HUCK PAINT COMPANY, Inc.

ENGINEERING - STRUCTURAL & SPECIFICATION PAINTS
Spray Painting - Heavy Duty Steam Cleaning Equipment
JACKSONVILLE - FLORIDA

ROBERT J. DILL CONTRACTOR

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1525 BARNETT BUILDING

P. O. Box 176
JACKSONVILLE, FLA.

TRACTORS
DRAG LINES
ROLLERS
SCRAPERS
ETC.

GRADERS
BULL-DOZERS
TRUCKS
CONCRETE MIXERS
ETC.

Road Department Minutes

(Continued from page 3)

Duval County, Florida, which said bridge shall be reconstructed according to the plans submitted by the Department.

CANCELLATION OF BOND FOR ROAD CROSSING WILSON CYPRESS COMPANY, ROAD 21, LAKE COUNTY

On motion of Mr. Stockton, seconded by Mr. Townsend, the following resolution was adopted:

BE IT RESOLVED that Standard Accident Insurance Company of Detroit, Michigan, is hereby released and discharged from each and every of its obligations to the State Road Department under that certain surety bond executed by Wilson Cypress Company, as principal, and said Company, as surety, to this Department, as obligee, dated the 14th day of March, A. D. 1940, in the penal sum of One Thousand Dollars (\$1,000.00), conditioned to secure the performance of a certain agreement dated the 14th day of March, A. D. 1940, between the said Company and this Department, concerning the construction of temporary railroad crossing on State Road No. 21 in Lake County, Florida, and said surety bond is hereby terminated and canceled.

DESIGNATION OF SPECIAL SPEED LIMITS AND ZONES

On motion of Mr. Townsend, seconded by Mr. Stockton, the following resolution was adopted:

WHEREAS, under the provisions of Section 24 of Chapter 20578, Laws of Florida, Acts of 1941, it is provided that the State Road Department shall determine, upon the basis of an engineering and traffic investigation, that any speed limit prescribed by said law is greater or less than is reasonable or safe under the conditions found to exist at any intersection or other place or upon any part of a highway outside of municipalities, the State Road Department may determine and declare a reasonable and safe speed limit thereat which shall be effective when appropriate signs giving notice thereof are erected at such intersection or other place or part of the highway; and


WHEREAS, the Department of Public Safety has recommended to the State Road Department that it make such determinations as to the appropriateness of reducing or increasing speed limits at certain intersections and along sections of certain highways of the State; and it is the intention of the Road Department to cooperate fully with the Department of Public Safety as to such recommendations already made or any it may hereafter make,

NOW, THEREFORE, BE IT RESOLVED by the State Road Department, by authority of said Chapter 20578, that whenever the Department of Public Safety, through the Director thereof, shall recommend an increase or decrease of the speed limit at any intersection or along any part of a State road, the Chairman and the State Highway Engineer of the State Road Department be, and they are, hereby authorized to make or cause to be made an engineering and traffic investigation to determine whether such speed limit shall be increased or decreased; and if it appears then upon the basis of such engineering traffic investigation that the recommendation of the Department of Public Safety is well-founded, then the Chairman and State Highway Engineer of the Department shall, for and on behalf

of the State Road Department, make a certificate under their hands and the seal of the State Road Department that the State Road Department has increased or decreased the speed limit thereat, and shall furnish one copy of said certificate each to the Department of Public Safety and

to the Sheriff and the County Judge of the county in which the section of road is located.

BAR AND GRILL AIR-CONDITIONED



RATES
FROM \$2. UP SINGLE
EVERY ROOM WITH
PRIVATE BATH

Hotel THOMAS JEFFERSON
TAMPA, FLORIDA

Pietro C. Martino & Company
1113 3rd Avenue
Tampa, Florida

I. W. PHILLIPS & CO.
Wholesale Distributors
HARDWARE AND BUILDING
MATERIALS
TAMPA, FLORIDA

WELLS FUNERAL HOME
PLANT CITY, FLORIDA

W. R. Ames Company of Florida
Manufacturers of SHEET METAL PRODUCTS
Tampa, Telephone Y 1255 Florida

John E. Ballenger Construction Company
Ballenger Auto Storage, Inc.
NEW FLORIDA HOTEL
Lakeland, Florida

THE KILGORE SEED COMPANY
FLORIDA'S LEADING SEEDSMEN

Stores at:

PLANT CITY	PALMETTO	BELLE GLADE	POMPANO
PAHOKEE	SANFORD	MIAMI	VERO BEACH
GAINESVILLE	WAUCHULA	HOMESTEAD	WEST PALM BEACH

GENERAL OFFICES: PLANT CITY, FLORIDA

FLORIDA STEEL PRODUCTS, Incorporated
Reinforcing Steel and
Road Accessories
TAMPA, FLORIDA

Over 3,000,000 Miles of Successful Long
Distance Moving - Cold Storage for
Furs and Fabrics.

**SOUTHERN TRANSFER AND
STORAGE CO., INC.**
St. Petersburg, Florida

**CHECKERBOARD
FEED STORE**
PHONE Y 1675
3615 E. BROADWAY
Tampa, Florida

Kuhn, Morgan & Co.
Florida Municipal Bonds
Tampa, Florida

LAKELAND CEMENT COMPANY
GORDON BROS.
Concrete Pipe - Read-Mixed Concrete - Air Raid Shelters
LAKELAND, FLORIDA
PHONE 3-3022

Construction

Project	Road	County	Contractor	Amount
Bids received March 10				
5016(2)	15	Citrus	W. L. Cobb Const. Co.	\$185,566.49
5033(2)	15	Levy	W. L. Cobb Const. Co.	170,974.96
5209(3)	8	Polk	M. C. Caddell	181,041.45
Bids received March 17				
SN-FA 107 B, C & E(1)	4A	Monroe	Cleary Bros. Const. Co.	882,742.81

Materials

Bids received Feb. 27				
5251-165	Okaloosa	Bit. Coated Corrugated Metal Pipe	Tri-State Culvert & Machinery Co.	5,445.14
Bids received March 2				
WO 0190 & 0290-4-A	Monroe	Cut-back Asphalt	McFarlin & Co., Inc.	4,329.12
Bids received March 6				
Warehouse Acct. 8421	Baldwin	Tr. Str. Timber	Eppinger & Russell	2,660.91
Warehouse Acct. 8422	Gainesville	Tr. Str. Timber	Eppinger & Russell	2,487.70
Warehouse Acct. 8431	Olive	Tr. Str. Timber	Eppinger & Russell	2,487.70
Warehouse Acct. 8431	Pensacola	Tr. Str. Timber	Fla. Wood Pres. Co.	6,983.48
Warehouse Acct. 8431	Pensacola	Tr. Timber Piling	Fla. Wood Pres. Co.	1,080.00
Warehouse Acct. 8441	Miami	Tr. Str. Piling	Tampa Lbr. & Creos. Co.	382.80
Warehouse Acct. 8441	Miami	Tr. Str. Timber	Tampa Lbr. & Creos. Co.	990.57
Warehouse Acct. 8441	Ft. Lauderdale	Tr. Str. Timber	Tampa Lbr. & Creos. Co.	382.80
Warehouse Acct. 8441	Ft. Lauderdale	Tr. Timber Piling	Tampa Lbr. & Creos. Co.	990.57
Warehouse Acct. 8442	Ft. Pierce	Tr. Str. Timber	Tampa Lbr. & Creos. Co.	388.60
Warehouse Acct. 8442	Ft. Pierce	Tr. Timber Piling	Tampa Lbr. & Creos. Co.	1,003.60
Warehouse Acct. 8442	Ft. Pierce	Tr. Str. Timber	McFarlin & Co., Inc.	1,820.00
Warehouse Acct. 8442	Ft. Pierce	Emuls. Asphalt 3-E	Fla. Crushed Stone Co.	1,560.00
Bids received March 9				
Warehouse Acct. 8413, 8441 & 8422		Coarse Agg. No. 16		
Bids received March 11				
Proj. 5098 Rd. 127	Gadsden	Reinforcing Steel	Fla. Steel Prod. Co.	3,334.10
		31 Spans—Tampa	Concrete Steel Co.	3,393.28
		31 Spans—Gainesville	Concrete Steel Co.	3,665.66
		32 Spans—Ft. Lauderdale		
		Tr. Str. Timber & Piling	Eppinger & Russell	1,749.25

Convict Supplies

Bids received March 18			
5000 Prs. Convict Shoes	J. H. Churchwell Co.	at	\$3.75
1600 Straw Hats	J. H. Churchwell Co.	at	.18
1600 Felt Hats	J. H. Churchwell Co.	at	1.26
4000 Yds. Toweling	P. Newman & Co.	at	.12
200 Doz. Sheets	J. H. Churchwell Co.	at	8.12
200 Doz. Pillow Cases	J. H. Churchwell Co.	at	2.57
300 Doz. Socks No. 115 U. S.	The Surprise Store	at	1.16
50 Doz. Suspenders	P. Newman & Co.	at	4.00
50 Doz. Night Shirts	The Surprise Store	at	10.09
40 Gr. Prs. Shoe Laces—leather	The Surprise Store	at	10.55
100 Doz. Belts	The Surprise Store	at	6.81
100 Gr. Bachelor Buttons—metal	The Surprise Store	at	.90

BE IT FURTHER RESOLVED that the State Highway Engineer shall cause to be placed at or along said intersection or part of said State road appropriate signs giving notice of such increase or decrease in the speed limit thereat.

PHYSICAL EXAMINATION OF APPLICANTS FOR SRD FIELD WORK

The Secretary reported on a conference that he and Mr. Ireland had with the members of the Department's legal staff in which several questions in connection with workmen's compensation were discussed. He brought this recommendation from the said conference: That in order to establish the physical fitness of all new employees of the Road Department, every applicant for a field position shall, at the Department's direction and expense, be required to obtain a certificate of his physical condition from a doctor to be selected by the Department; and that the selection of the panel of doctors to serve in this capacity in each division shall be determined by the Board Member of that division.

Resolution:

Upon the motion of Mr. Townsend, seconded by Mr. Stockton, it was agreed that the recommendations set out above would

be adopted and put into practice, and that the fee allowed for such examination and doctor's certificate be limited to \$1.00 for each applicant.

REQUEST FOR EXTENSION OF FEDERAL AID SYSTEM IN FLORIDA

On motion of Mr. Townsend, seconded by Mr. Stockton, the following resolution was adopted:

WHEREAS, the Defense Highway Act of 1941, approved by the President November 19, 1941, makes provision for the extension of the Federal Highway System under section 2 of the said act, as follows:

"Notwithstanding the limitations in section 6 of the Federal Highway Act, as amended and supplemented, respecting the mileage of the system of Federal-Aid highways, such system of highways in any State may be extended to include, and there may be approved as a part of such system of highways in such State, any of the lines of the strategic network of highways";

and
WHEREAS, those sections of State Roads Nos. 2 and 25 between Fort Myers, Florida, and State Road No. 67 have been designated by the War Department as a line of the strategic network; and

by Mr. Ward, Supplemental Agreement with Belcher Oil Company, on Project 5155(2), Road 270, Dade County, at an increase of \$6,790.67 in the price of said

WHEREAS, it is desirable to correct deficiencies from military standards on said sections of State Roads Nos. 2 and 25; and

WHEREAS, it is necessary that the corrections of these deficiencies be financed by Federal Aid funds;

NOW, THEREFORE, BE IT RESOLVED by the State Road Department of Florida, that it hereby petitions the Federal Works Agency, U. S. Public Roads Administration to extend the Federal Aid System as follows:

To include that portion of State Road No. 2 extending Easterly from its intersection with State Road No. 5, in Fort Myers, Florida, to its intersection with State Road No. 25, in Olga, Florida, and that portion of State Road No. 25, extending Easterly, from its intersection with State Road No. 2, in Olga, Florida, to its intersection with State Road No. 67.

BE IT FURTHER RESOLVED, that the Secretary of the State Road Department of Florida transmit certified copies of this resolution to the U. S. Public Roads Administration.

INCREASE IN FEDERAL TAX ON GASOLINE

On motion of Mr. Stockton, seconded by Mr. Ward, the following resolution was adopted:

WHEREAS, among recommendations for increases in taxes and new taxes that have been presented to the Ways and Means Committee of the House of Representatives of the Congress of the United States, there is a recommendation to increase the present Federal Gasoline Tax from 1½ cents to 3 cents per gallon; and

WHEREAS, the State Road Department of Florida fully appreciates the necessity for the Federal Government to raise greatly increased revenues for the prosecution

contract, was approved.

On the motion of Mr. Ward, seconded by Mr. Townsend, the following supplemental agreements were approved:

Contractor	Amount of Change
W. L. Cobb Const. Co.	\$1,374.00 Decrease
Cleary Bros. Const. Co.	\$162.80 Decrease
Noonan Const. Co.	\$252.00 Decrease
Duval Eng. & Contr. Co.	\$9,729.10 Decrease
H. E. Wolfe Const. Co.	\$62.90 Increase

APPROVAL OF SUPPLEMENTAL AGREEMENTS

On motion of Mr. Townsend, seconded

Project	Road
SN-FA 116-A(1) and FAGM 55(1)	
(OFF)	5 & 36
FAS 65-B(1) Part 2	70
AN-FA 121-A(1)	341
5433(1) and 5228(2)	47
92-E(1) & 92-A(2)	500

County
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Brevard
Escambia
St. Johns
Taylor

of the war, and that there must be raised by the Federal Government from Florida its full proportionate share of such taxes and the people of Florida welcome the opportunity to pay such taxes thereby making their contributions to the War Program; and

WHEREAS, the suggested increase in Federal taxes upon gasoline would be upon a product the use of which is very substantially declining due to the regulations of the Federal Government itself, and also the State taxes upon gasoline form a very large portion of the State revenue, nearly all of which gasoline taxes are used to build and maintain roads and to pay indebtedness incurred for roads heretofore constructed, and the State Road Department of Florida has spent or contracted to be spent from its own funds, all of which were obtained from the State taxes on gasoline, for Defense Roads pursuant to the requirements and requests of the United States Army and Navy a sum in excess of three million dollars.

NOW, THEREFORE, BE IT RESOLVED that the State Road Department of Florida respectfully urges the Congress of the United States and particularly the Ways and Means Committee of the House of Representatives thereof, to give most careful consideration to the serious effect that increase of Federal taxes upon gasoline would have upon the operation and use of motor vehicles and the tax structure and revenues of all of the States of the Union, and that Congress and the Ways and Means Committee further be urged to levy taxes which would raise more revenue without such detrimental results upon the tax structures of the States.

BE IT FURTHER RESOLVED, that copies of this resolution be sent to each Senator and Representative from Florida, Chairman and Members of the Ways and Means Committee, and the press.

EXPENSES OF STATE CONVICTS

The Secretary read to the Members two letters from the Secretary of the Board of Commissioners of State Institutions confirming the action of that Board under date of March 10, as follows:

Letter No. 1

"This is to confirm the action of the Board taken at its meeting today stating that it is the sense of the Board that prisoners who are employed by the State Road Department and maintained by the Florida State Prison shall be paid for according to the legal scale on a basis to be determined by the Florida State Prison, State Road Department and Comptroller. The said committee when it has arrived at a charge for said maintenance is to report to the Board for its consideration."

Letter No. 2

"This is to confirm the action of the Board taken at its meeting today authorizing the release of parolees, as well as prisoners who have served their sentences, at the place of their location rather than having them return to Raiford for this purpose. At this meeting it was also determined that when prisoners are released from the State Road Camps that the State Road Department is to pay the prisoner \$10.00, furnish wearing apparel not exceeding a cost of \$15.00, and

such transportation as required by law, and then bill the Florida State Prison for the total amount."

Mr. Waterston, Auditor for the Road Department, reported that he had been in conference with the Prison Department and the Comptroller with regard to the

cost of food for the convicts from Raiford doing work for the Department, and he recommended that the Department of-

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fer to pay the sum of 35 cents per day for each such convict.

Motion: On motion of Mr. Stockton, seconded by Mr. Ward, it was agreed that the State Road Department will pay 35 cents per day for each convict maintained by the State Prison when such convict is engaged on work for the State Road Department.

Motion: On motion of Mr. Townsend, seconded by Mr. Ward, it was agreed that the State Road Department will advance the legal discharge expenses of each prisoner released from the State Road Camps, said expenses to consist of the fee of \$10.00, wearing apparel not exceeding a cost of \$15.00, and such transportation as required by law, with the understanding that the State Prison Farm is to repay the Road Department monthly for all such expense so advanced.

CANCELLATION OF ACCOUNT AGAINST PINELLAS COUNTY FOR INDIAN ROCKS BRIDGE

On motion of Mr. Townsend, seconded by Mr. Stockton, the following resolution was adopted:

WHEREAS it has been established that an understanding did exist between Pinellas County and officials of this Department that the sum of \$17,350 advanced by the State Road Department for the purchase of Indian Rocks Bridge connecting State Roads 294 and 360 in Pinellas County was not to be repaid to the Department by said County but was to be charged off as a just expenditure by the State Road Department,

NOW, THEREFORE, BE IT RESOLVED, that the item of \$17,350 charged on the Auditor's accounts against Pinellas County and covered by agreement entered into between this Department and the County of Pinellas under date of October 18, 1938, be and the same is hereby canceled and stricken from said accounts.

AND BE IT FURTHER RESOLVED that the Secretary of this Department be and he is hereby instructed to notify the Chairman of the Board of County Commissioners of Pinellas County of this action by this Department.

CONVICT CAMP YARDMEN TO BE PLACED UNDER BOND

On motion of Mr. Townsend, seconded by Mr. Ward, it was agreed that all Yardmen at the State convict camps should be placed under bond of \$1,000 each.

REQUEST FOR J. R. FOWLER BRIDGE

The Secretary presented a letter from Honorable Lex Green, Member of Congress, making request that Cross Creek Bridge, on Road 211 in Alachua County, be named in honor of J. R. Fowler.

On motion of Mr. Stockton, seconded by Mr. Ward, this request was referred to the Board of County Commissioners of Alachua County for their recommendation.

RESOLUTION OF THANKS FROM MONROE COUNTY

The Secretary presented a resolution from Monroe County expressing the appreciation of the Board of County Commissioners for the plan for completion of the Overseas Highway and pledging the cooperation of said Board in carrying out the undertaking.

ADJOURNMENT

On motion of Mr. Ward, seconded by Mr. Townsend, the meeting adjourned, with agreement to meet again in Tallahassee on April 9 for the Second Quarterly Meeting of 1942.

Meeting Held at Tallahassee

APRIL 9, 1942

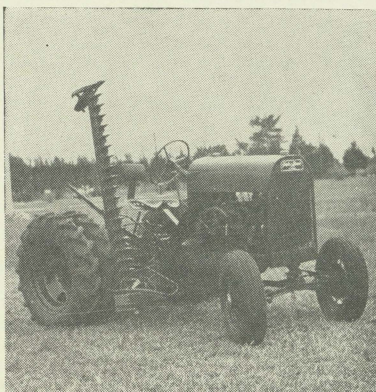
The State Road Department of Florida held its second quarterly meeting for the year 1942 at Tallahassee on April 9 with the following members and officials in attendance:

Thos. A. Johnson, Chairman; James R. Stockton, C. Fred Ward, Members; H. H. Baskin, Secretary; L. A. Fraleigh, Jr., Assistant Secretary; J. H. Dowling, State Highway Engineer; L. K. Cannon, E. C. DeGarmo, Assistant Highway Engineers; T. M. Shackelford, Attorney; R. W. Ervin, Jr., Assistant Attorney; R. J. Waterston, Jr., Auditor; W. A. Kratzert, Maintenance

Engineer; J. C. DeCamps, Right of Way Engineer; J. W. Allen, J. R. Slade, H. H. McCallum, N. S. Emery, W. D. Leveille, Division Engineers.

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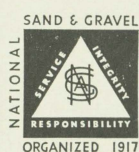
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APPROVAL OF MINUTES

On motion of Mr. Ward, seconded by Mr. Stockton, the minutes of the meeting held on March 23, at Tampa, were approved.

APPROVAL OF MEMBERS' EXPENSE ACCOUNTS

On motion of Mr. Stockton, seconded by Mr. Ward, the expense accounts of the members were approved and ordered paid, as follows:

C. Fred Ward.....	\$61.90
C. Fred Ward.....	15.91
Thos. A. Johnson.....	27.00
Thos. A. Johnson.....	22.77

HILLSBOROUGH COUNTY—ROAD 23—PROJECT 5349 CANCELLATION OF R/W CONTRACT BOND

On motion of Mr. Stockton, seconded by Mr. Ward, the following resolution was adopted:

BE IT RESOLVED that American Surety Company of New York is hereby released and discharged from each and every of its obligations to the State Road Department under that certain surety bond executed by Hillsborough County, as principal, and said corporation, as surety, to this Department, as obligee, dated the 23rd day of February, A. D. 1940, in the penal sum of \$5,000.00, conditioned to secure the performance of a certain Right of Way Contract dated the 23rd day of February, A. D. 1940, between the said County and this Department, concerning the acquisition by said County of rights of way to this Department for Project No. 5349-1, from Station 310 to Station 360 of State Road No. 23, and said surety bond is hereby terminated and canceled; Provided that nothing herein shall be taken or construed to mean that said Right of Way Contract between said County and this Department is in anywise impaired, modified or affected.

APPROVAL OF CONTRACTS AWARDED SINCE LAST MEETING

On motion of Mr. Stockton, seconded by Mr. Ward, the following resolution was adopted:

WHEREAS, pursuant to due advertisement, the Department did on certain dates as hereinafter indicated receive bids for the construction of certain projects and for the furnishing of certain materials, as hereinafter listed; and

WHEREAS, the firms hereinafter named were and are hereby declared to be the lowest responsible bidders therefor.

NOW, THEREFORE, BE IT RESOLVED, that the action of the Chairman in awarding the contracts hereinafter listed be and the same is hereby approved, which said contracts are as follows:

Construction

Bids received March 17:

Proj. SN-FA 3-D(1), Rd. 1, Jackson County, C. C. Moore Const. Co., \$263,422.25.

Materials

Bids received March 23:

Work Order 0186, Acct. 507, Asphalt, Mexican Petroleum Corp., \$2,835.00.

Convict Supplies

Bids received April 3:

350 Doz. Shirts, J. H. Churchwell, at \$15.95; 800 Doz. Pants, J. H. Churchwell, at \$16.32; 200 Doz. Coats, J. H. Churchwell, at \$16.05; 900 Blankets, P. Newman & Company, at \$2.75; 300 Doz. Undershirts, P. Newman & Company at \$7.50; 300 Doz. Drawers, P. Newman & Company, at \$7.50.

SUPPLEMENTAL AGREEMENTS

On motion of Mr. Ward, seconded by Mr. Stockton, the following supplemental agreements were approved:

Project, SN-FA 122-A(1), Road and County, 8-A, Glades-Highlands, Contractor, Ebersbach Constr. Co., Increase \$90.00.

Proj. AN-FAS 65-B(2), Road and County, 70, Brevard, Contractor Ebersbach Constr. Co., Increase \$39.00.

EXTENSION OF PROJECT 5665, ROAD 167, INDIAN RIVER COUNTY

A telegram received from Mr. Hector, Member from the the Fourth District, requested consideration of the extension of the project on Road 167 between Fellsmere and Sebastian in Indian River County, now under construction by State forces and stated his approval of such extension.

On motion of Mr. Stockton, seconded by Mr. Ward, the following resolution was adopted:

BE IT RESOLVED, that approval is hereby given to the extension of Project 5665, Road 167, Indian River County, from the end of the present project east to the railroad, at an estimated increase of \$9,370.95 over the allocation set up in the budget for said project, providing approval of this work may be secured from the War Production Board.

BE IT FURTHER RESOLVED, that the sum of said increase, \$9,370.95, shall be taken from the total amount allocated to construction in the Fourth District.

By common consent the meeting was adjourned.

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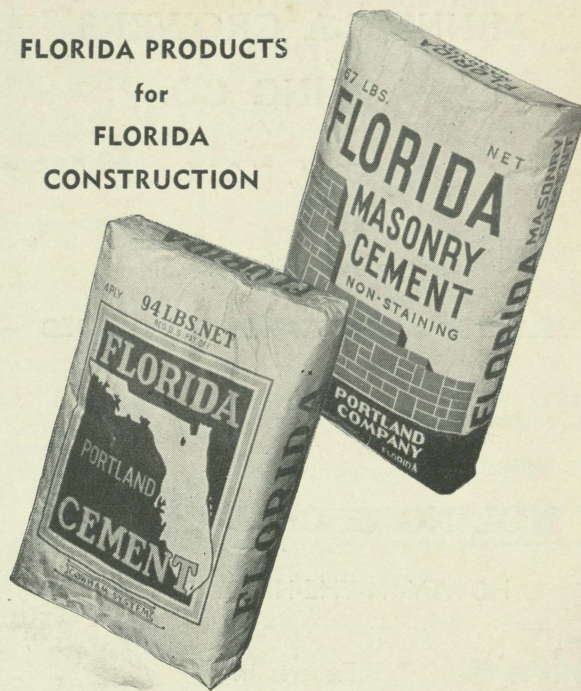
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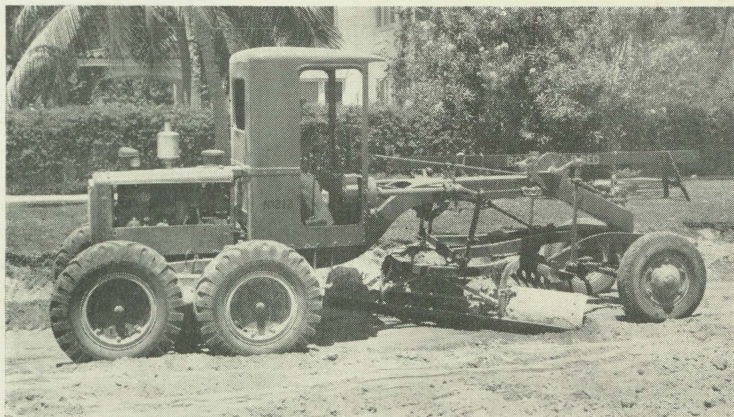
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